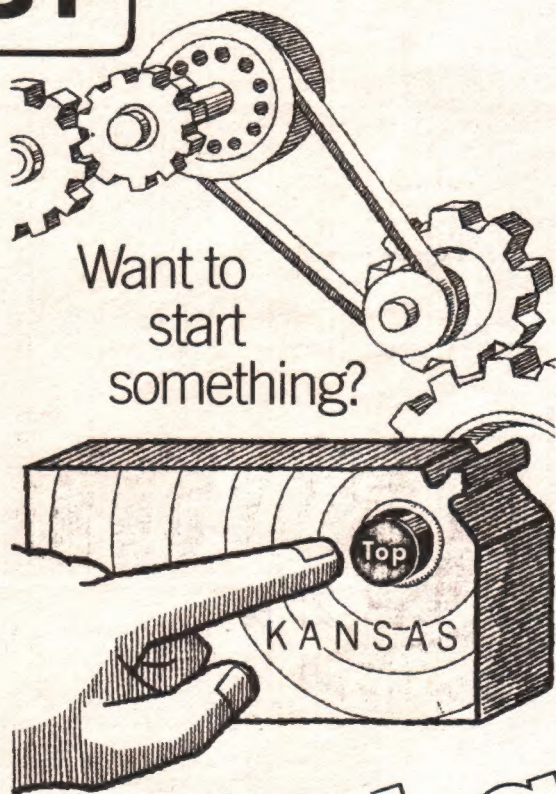


VHF-UHF DIGEST

1974
APRIL



Where else but
Top **ekc**



TOPEKA
TV-Radio-FM

publishers' notes...

WTFDA HEADQUARTERS, P.O. BOX 163, DEERFIELD, IL 60015 USA

NEW WTFDA BOOKS... This month, WTFDA announces the release of two new books. The first is entitled, "Beyond Shortwave. An Introduction to TV, FM, and V-UHF Radio DX." This type-set thirty-two page booklet starts off with propagation basics, followed by individual chapters on TV, FM and V-UHF radio. The booklet was written by Glenn Hauser, Bruce Elving, and Terry Colgan, illustrated by Jim Hayes, and edited by Morrie Goldman. Typesetting arrangements were courtesy of Warren Bird. All members, whether novice or veteran, should find Beyond Shortwave to be a highly informative and readable booklet. If your order is received before May 30, 1974, the booklet is available at the reduced price of 75¢. After that date, the price will be \$1. All members who have been waiting for the new member package will receive Beyond Shortwave as a replacement. WTFDA is also proud to announce the introduction of our first UHF Translator DX Guide. The "guide" includes a listing of all US UHF translator stations, compiled by Richard Allen and Les Prus, and an introduction to "DXing the Translators", by Robert B. Cooper, Jr. If ordered before May 30, 1974, the guide is \$1.50. Beyond that date, the price will be \$2. Early-bird reduced rates are for members only!

TREASURE HUNT... Are you a careful reader of the VUD? Look closely at this month's FCC FM column and you may discover that you've won an FM Atlas. A name of a member (selected at random) is hidden in Bruce's column. If it's your name, write to Bruce for your free Atlas!

1975 CONVENTION BID... Believe it or not, undaunted by not winning approval of a 1974 WTFDA convention in Florida, Dick Clark and Ken Simon hope that 1975 will be their year. They have placed an extra early bid for a 1975 Florida convention. Next month, we'll have more details about the 1974 WTFDA convention in Topeka, Kansas.

"ACTIVE" MEMBERS OFFER AID... A number of WTFDA members have responded to our requests for help. Two expressed interest in the "activities chairman" post, the balance were offers to summarize the member survey results. The member survey project was assigned to Jim Alexander, who was the first to respond. All volunteers will be contacted shortly.

ANARC CONVENTION... The 1974 ANARC Convention will be held in Bronxville, New York on July 5-7. For all the details, contact Chris Hansen, Box 501, Bronxville, New York 10708

BITS... We will have some positive information on the FM NORTH problem next month... Next month we will feature the long overdue UHF Detent Tuner article. Complete ordering and installation information is included... WTFDA is considering the addition of a bimonthly "What's New" column, featuring information on DX-related new products, books, literature, articles, etc...

73,

Cary and Morrie

CRTC Extra!

Your Canadian Report editors recently led an energetic but futile battle a few months ago in the license hearings for some new UHF stations which will be operated by the Ontario Educational Communications Authority (O.E.C.A.). In the initial proposal, the OECA sought licenses for stations in S.Ontario at Toronto(CICA-19)(already on the air), Paris Ch.28 @165 kw--grade B coverage 38 miles; London Ch.18 @ 18 kw"B" coverage 27 mi.; Chatam Ch.59@17kw "B"-24mi; Windsor Ch.32 @180 kw "B" 33 mi.

We viewed the xmtr. sites closely, and the anticipated coverage, and after viewing the O.E.C.A. license and technical applications, concluded that too many transmitters were being applied for, and at the expense of Ontario taxpayers! We calculated that most UHF stations operating at the megawatt level have a "B" coverage of nearly 60 miles(radius). The terrain of southern Ontario was favourable for UHF propagation so that Megawatt UHF stations at Toronto, London and Chatam could service more people at a lower cost, with fewer transmitters than the OECA plan. We journeyed to WUTV, the Buffalo independent station which beams its 1,050,000 watts into populous Southern Ontario, reaching many viewers in Toronto, Hamilton, and Kitchener at more than 55 miles. We asked Gary Cooper Chief eng. of WUTV what their "secret" was. There was no secret. Any decent UHF station in Southern Ontario should get his results. We looked further. Most of the cities which OECA planned to serve with UHF were heavily wired for cable-tv. In fact, London and Kitchener rank among the most heavily saturated in terms of CATV, in the entire world. (London=81% of all households) Hence, "off-air" reception of UHF educational TV would be unlikely in the future in many of these cities, what with ETV, on a "priority" cable channel!!!

More complicating factors: CICA-19 Toronto, at the time of the filing of the network applications, was committed into moving its antenna to the world's tallest building...the CN tower. Perched up at 1805' shaft, and with 1,080,000 watts, CICA's coverage area would mushroom out drastically, wiping out the need for another transmitter in the Kitchener area at Paris. Thus we concluded, after examining topographic maps, CATV coverage, and existing UHF stations in certain areas, OECA could well serve Southern Ont. with high pwr. at Toronto, London, and Chatam. To further our speculation, we wrote to a major UHF Xmtr. manufacturer and asked if our projections were as feasible & economical as the OECA plan. The reply favoured us. We appeared before the CRTC Nov.26/73, when the CRTC heard OECA's application to move its existing Ch.19 xmtr. to CN Tower. Admittedly it was a "last-ditch" effort and we lost, and all the transmitters were approved.

Perhaps we should back up and give some reasons for our failure to achieve our objective. The OECA was somewhat less than co-operative in their dealings with us. The original hearing for the OECA application was late June '73, but due to "internal scandals" within the OECA, the application was withdrawn till things cooled down. A few days before the "cancelled" hearing date, the chairman of OECA, Ronald Ide appeared before a governmental enquiry into educational expenditures. At that enquiry, our brief opposing the OECA proposal was read by our Provincial Member of the Legislature. He was assured that we would receive a full reply to our opposition well in advance of the rescheduled hearing date. Unfortunately, the OECA people avoided us like the bubonic plague, and it was not until after the date for filing papers with the Can.Radio & TV Commission, that members of OECA would "consent" to meet Joel and provide some answers to questions. A technical study rebutting our proposal was not provided prior to the hearing.

The "public hearing" was rescheduled to September. Neither of us could attend due to time limitations. Nevertheless the CRTC was armed with many pages of our information and argument.

At the hearing, the OECA finally brought forth their own technical report which scrutinized our proposal and alleged that our system was a poor one. Note: this study took 3 1/2 months to submit and at the hearing date, we still did not have our copy.

The fact that CICA-19 would be applying for an antenna move to the CN tower at a November Hearing was inadmissible as an argument when OECA applied for chs.18,28,59 & 32. When it was considered that CICA-19 operated with 600 kw on a poor towersite, Ch.28 Paris would almost make sense. At any rate, the Ottawa hearing did us no good. We decided to try to stop OECA when they applied for the power-antenna change of CICA. After much haggling, we were FINALLY provided with a copy of the report which rebutted our proposal. We might add, the OECA technical report was filled with inconsistencies. When the date dawned for the CRTC hearing to examine CN-Tower applications, the CRTC did not want to hear our submission. Due to some slight procedural errors on the part of ourselves and the CRTC, we were to be prevented from airing our case. This was in spite of long-distance calls and letters which attempted to allow us to be heard. We resolved the situation. Mark, came to the hearing armed with "the law" under which the CRTC was obligated to operate. Threatened with a legal action in Federal Court, the CRTC Counsel decided it might be wise to hear our submission.

But OECA had woven their web well. We were "estopped" from bringing up the network license application because "this" hearing was to deal specifically with the CN-Tower application and the Ch19 Toronto applic.

We argued that the "network" and Ch.19 applications were not mutually exclusive. Superpower from CN-Tower would make our proposal for South Western Ontario workable, and hence make ch.28 Paris redundant.

In effect, we were (as the old saying goes) damned if we did, and damned if we didn't. In spite of the broken promises which OECA used on us, and violation of CRTC procedure on the part of OECA, the CRTC Legal Counsel would not permit the bulk of our submission. Coincidentally, during rebuttal, OECA was allowed to bring up points which we were prevented from mentioning.

The outcome, as you well know, was in favour of OECA. They got all the stations they wanted, including a power increase for "mutually exclusive" channel 19. We are quite disillusioned by the CRTC "Public Hearing". For what it was worth, the CRTC could have examined the application behind closed doors "in camera". Perhaps educational TV is a sacred-cow because it is run by the Provincial level of government. Perhaps when Mark Lewis is a member of the Ontario Bar rather than a law student, and Joel Rosenberg is a licensed Medical Doctor rather than a "med-student" more political and economic clout will be wielded, and both OECA and the CRTC may be more responsive. Mere interested parties and DXers, for the time being, are people to be 'tolerated' and dismissed. There will be a 'glut' of educational UHF stations in Southern Ontario, on frequencies we can scarcely afford to waste.

Some "Global" notes: ...CKGN-TV, the Global Network, ids. all its xmters. with a slide listing the "B" contours of all its xmters. This slide is tel-cast generally, between programmes. The drawback is, there still is no individual station break for the ch.6 or ch.22 xmters. As there are two of each, (6 Ottawa & Paris, 22 Uxbridge & Cottam), there is really no way for a DXer to tell which of those stations he's seeing. One plus however: Global runs colour-bars during the morning and afternoon hours. In the top-central section is a digital clock, electronically keyed, and in the lower right corner is the word "Global", also keyed. Early afternoons, Global usually has the evening's program schedule "supered" over the colour bars.

How can a DXer differentiate the ch.6 and ch.22 xmters? During a few evening hours each week, the Xmters. chs.22 Cottam, & 29 Oil Springs are fed programming which is different from the programmes fed to the eastern stations. Generally, these separate feeds take place when U.S. network programming is fed to the eastern stations. A British comedy or detective programme is usually telecast on 22 & 29. Hence it appears Global can microwave feed their xmters. singly or in clusters, and perhaps they have the capability to id. xmters. singly, or in clusters. Ie. Chs.22 & 29 Oil Springs and Cottam could be identified separately from 22 Uxbridge. 6 Paris and 6 Ottawa might also get separate ids. We will enter into discussions with Global, on this point. DXers might send letters to Global-TV at 78 Barber Green Rd. Don Mills, Ontario, requesting proper ids. Incidentally, Global signs-on daily at 3pm with "About Sex" over all their xmters. except Cottam-22 and Oil Springs-29....those stations continue with colour bars. Programming on those channels begins at 4 pm.

1400 South Joyce Street
Arlington, Virginia 22202
2 March 1974

Mr. Morrie S. Goldman, Editor
VHF-UHF Digest
P.O. Box 163
Deerfield, Illinois 60015

Dear Morrie,

East Coast TVDXer's now have another challenging target, WR4AAG. That's the call of the world's first amateur TV repeater, which began transmissions on March 1st. A group of hams in the Washington, D.C. area (myself included) formed "Metrovision, Inc." last autumn in order to set the repeater up. The FCC finally came thru with a license in February. Our "channel 13 3/4" is actually 427.25 (video), with an ERP probably around 2 KW. Operation will be from 2000 to 2400 Eastern time every night. The club has about 45 local members, many of whom already have TV rigs on the air and who will be feeding their signals into the repeater. Needless to say, all DXers (hams or not) are urged to be on the lookout. (Input, by the way, is 439.25.)

A standard TV receiver with a slightly modified UHF tuner is all that is needed for reception equipment. The most popular approach seems to be modification of a UHF-to-VHF converter like the Blonder-Tongue BTX-111, which takes about three minutes (all you need to do is take the bottom off the BTX-111, bend the oscillator capacitor C16 metal strip from an angled to upright position, and also bend the metal strips C3 and C4 upright; 427.5 will then appear around channel 14, with output to the TV set on channel 2 or 3).

However the signal is vertically polarized, and although standard UHF antennas work tolerably well for reception (not transmission, though) they must be turned vertically -- even at close ranges -- to get a usable signal. This is crucial.

A transmitting rig is a lot easier to assemble than most people would suspect, now that plenty of used cameras and used 450 MHz commercial FM transceivers are on the market. Anybody that wants to get the info on this sort of thing should write for a subscription to the amateur TV journal, A5 Magazine, Box 6512, Philadelphia, Pa. 19138.

We hear that amateur repeaters will probably be licensed in several other cities if the FCC looks favorably on our operation here. So keep your fingers crossed for more DX targets. In the meantime, send DX reports to WR4AAG, Metrovision, Box 408, Falls Church, Virginia 22046.

73,

Jim Brown, W5DRP/4

(cont. from page 4)

...on Thurs. Feb. 21st, workmen poured the final concrete into slip-forms on the CN Tower...at 1,465'. The revolving restaurant will now be added, then this fall, the 300' antenna needle will be added. Total height will be 1,805'. Thus far, there has been no serious accident in the construction of the world's tallest building. Programme starts scheduled for Feb. '75. 73's JJ & ML

FCC FM NEWS

Bruce F. Elving, Editor
Box 24
adolph MN 55731

New Construction Permits

Decision
AZ Bisbee 92.1 60 h.v.; 1950' Initial/
AZ Sun City 106.3 3000; 87' Final Decision
CA Madera 92.1 3000; 185' [Phoenix AZ]
CA Blythe K288AQ 105.5 1 [KHFP-FM-101.5/
K292AH 106.3 1 [KNIX-102.5 AZ]
CO Pueblo 99.9 100000 h.v.; 2000'
DE Hockessin *86.7 10 Sanford School
FL Ft. Walton Beach W288AB 105.5 1 [WPCC-
*89.3 Pensacola FL translator; this grant
partially refutes item p. 6 March VUD.]
ID Soda Springs K288AR 105.5 10 [KSL-FM-
100.3 Salt Lake City UT translator]
ID Twin Falls 96.5 100000 h.v.; 130'
IL Godfrey [near Alton] *89.9 10
IA Boone 98.3 3000 h.v.; 205'
LA Lake Providence 92.7 3000; 145'
ME Fort Kent *90.3 10 [3000 h.v.; 300'
ME Scarborough [near Portland] 106.3/
MI Battle Creek 95.3 3000; 101' Final Dec.
MS Bay Springs 93.5 3000 h.v.; 140' [cision
MS Pascagoula 106.3 3000 h.v.; 245'
NE Sidney 95.3 3000 h.v.; 54'
NV Ely K288AP 105.5 10 [KSL-FM-100.3 UT]
NY Humble City [near Hobbs] 94.1 100000h,
NY Henrietta *90.5 10 Schools [v; 330'
NC Roanoke Rapids 102.3 3000; 295'
OH Marietta *88.3 9200 205' Same licensee
as WCMO *89.3 [10 w]; WCMO to delete?
OR Seaside K249AA 97.7 g 10 [KPDQ-FM-93.7
PA Johnston 92.1 2000h,v; 360' [Portland
SC Camden 94.3 3000 h.v.; 160' [music
SC Summerville 93.5 3000 h.v.; 280' Soul/
TX Atlanta 99.3 3000 h.v.; 187' Final Dec.
TX Corpus Christi 99.1 100000; 197'
TX Edinburg 107.9 100000 h.v.; 490'
UT Fillmore K237AI 95.3 10 [KSL-FM-100.3]
UT Holden K288AQ 105.5 10 "

Deletions

NC Black Mountain W285AA 104.9
PR Bayamon WRSJ-FM 100.7

Construction Permit Extended: CT Guilford
WGCT *90.5, "subject to condition that
status reports on construction progress
and equipment orders be submitted monthly."

On the Air and OX Ready!

AK Juneau KTOO *104.3 10
CO Sterling KYOT 96.7 940 h.v.; 504'
MA Rockland WRPS *91.5 10
NY Lancaster WSMH*-FM*91.3 10 [Calls, too]
WA Bellingham KUGS *89.3 10

Changes in Facilities

AL Jasper WNNB-FM 102.5 39000 h.v.; 140' [NOSE
AR Osceola KHFO 96.1 14500 (265')] [Calls from/
CA Los Angeles KFAC-FM 92.3 39000 h.v.; 2910'
IL Chicago WFYR 103.5 3000 h.v.; 1540'
IL Dundee WVFV 103.9 adds v
IN Elkhart WYPE *68.1 400' (10000 h.v) [v].
KS Junction City KJCK-FM 94.5 630' (100000h/
KY Owensboro WKRR 92.5 77000 h.v. (380')
LA Hammond WFRM-FM 107.1 330' (3000)
MI Bay City WGER*-FM* 102.5 86000 h.v.; 740'
MI Whitehall WLRC-FM 95.3 1500 h.v.; 410'
MN Minneapolis WCCO-FM 102.9 95000 h.v.; 1300'
MN Pipestone KRSM *91.7 240' (89000 h.v.;
transmitter at Chandler MN). MN St. Cloud
KVSC gives up permit for 40000 on *88.9;
remains 10 watts on *88.5. Ed Underwood, Jr.
MS Ocean Springs WOSM 103.1 adds v
MS West Point WKBB 100.9 175' (3000)
OH Ashland WNCO-FM 101.3 50000 h.v. (390')
OK Poteau KLCO-FM 96.3 adds v [630']
PA Bethlehem-Allentown WEZV 95.1 11000 h.v./
TX Midland KNFM 92.3 increases v effective
radiated power from 50 to 100 kw (100000 e).
VA Williamsburg WCMH *89.1 77 watts; 125'
WI Milwaukee WFRM 96.5 50000 h.v.; 320'
WI Wausau WHRM *91.9 77000 h.v. (1120')
WI Wisconsin Dells WNNQ-FM 107.1 2600 h.v.; 320'
PR Aguadilla WTPM 92.9 17500; 960'

v = vertical effective radiated power in watts (w); g = gospel music; * = educational

Dual-City Identifications Granted

CA KZEN Seaside to Seaside-Monterey (107.1)
FL WRQO 104.7 Tampa to Tampa-St.
Petersburg; FL Mount Dora WORJ*-FM*
107.7 to Mount Dora-Orlando
IN Jeffersonville WQHI 95.7 to Jef-
fersonville-Louisville (KY)
ME Gardiner WKME 104.3 to Gardiner-
Augusta [Calls from WABK-FM]
TX Fort Worth KWXI 97.1 to Fort
Worth-Dallas

Call Letters Assigned

CT Fairfield *86.5 WVOF rock format
CT Stamford 96.7 WYRS (as WSTC-FM)
FL Immokalee 95.9 WKEM-FM (from WCOF-
FM or WCEA-FM)
GA Jesup 96.3 WSOJ*-FM* (WELA)
IL Chicago 101.1 WJOL (WMAQ-FM)
IL Quincy *90.3 WQOC*-FM*
IL Vandalia 107.1 WRRV
IN La Porte 96.7 WCOE (WL01-FM)
IN Vavay 95.9 WNGH
KS Arkansas City 106.5 KEEA
KS Hays 103.3 KJLS
KY Louisville 99.7 WCSN (WKLO-FM)
LA Slidell 105.3 WREL (WVSL*-FM*)
MI Cadillac 96.7 WITW
NV Las Vegas 93.1 KEEC
NJ Flemington *90.5 WCVH
NJ Upper Montclair *90.3 WMSC
NM Gallup 94.5 KGLP
OH Paris *90.1 WCMH
PA Lehman *89.1 WPSI Pa. State U.
PA Scranton 107.1 WEZZ (WEJL-FM; to
drop rock and embrace MOR?)
TX Dallas *90.1 KERA-FM (KZAG)
UT Cedar City 92.5 KSUB-FM
WA Seattle 102.5 KZOK (KTW-FM)
WI Milton *89.9 WNOF
WY Laramie 96.9 KOJ

FM INDUSTRY NEWS AND READERS' COMMENTS

From the bulletin of the Double Helix Corp., St. Louis, which is an offshoot of the former KDNA 102.5 that city, it was learned that KDNA-type programming would be continued on *86.1 if a "petition and order to show cause" for KHRU *88.1 Clayton MO to switch to *89.5 succeeds. KHRU officials have declined to move, even though no loss of coverage to KHRU would accrue. Double Helix would pay all costs to KHRU in moving. Contact with KHRU came after KSLH *91.5 refused to allow Double Helix to share time with this parttime school board station. Since then, KBDY *89.9 St. Louis, which operates out of a former studio of KDNA, has applied to the FCC for *91.5, which will force an FCC hearing if KBDY's application is not withdrawn. KOPN *89.7 Columbia MO, currently at 10 watts, is applying for 40000. Its 10 watt transmitter has been promised to the community broadcasting group in Lincoln NE, which is looking for a frequency, and to which I have recommended *89.5.

WDDO 107.3 Marion IL is now reportedly transmitting with 50000 h.v.; 275', claiming an exaggerated coverage area of 120 miles. WLTX *89.3 Memphis TN is now, or very soon will be, stereo, with a predominately rock sound. KFIN 107.9 Jonesboro AR began regular operation March 3; stereo; easy-listening music.

KCRI 103.1 Helena AR has changed to country music. Memphis State University is seeking *90.3 with 10 watts, and has been told that this application is mutually exclusive with the application of WNJC *90.1 Senatobia MS, which is seeking a power increase. Also in Memphis, a ten watt has applied for *86.1, which is too close on the dial to WQOX *88.5, "which has just begun equipment tests." WSTU *91.9 Carbondale IL has applied to the Dept. of Health, Education, and Welfare for a grant to permit it to go stereo; no assurance this grant will be approved, however. If the grant is approved, the station would hope to go g by December.

KOSU *91.7 Stillwater OK, having trouble with its excit-
er, was silent Feb. 25-28, but everything's fine with them now. Sharp-eyed Glenn Hauser notes that the listing of WCBU Peoria IL in the November VUD ("Changes in Facilities", p. 13) is incorrect. WCBU is to move to *89.9, not *88.9. KUINI *90.9 Cedar Falls now on; temporary 82000 h.v.; \$. New KBCN 95.5 Sioux City IA also on; country music. [10000 h.v.; 990']

Contributors this month: Robert Baker, Humboldt IA; John Ebeling, Bloomington MN; Glenn Hauser, Stillwater OK; Dave Walcutt, Carbondale IL.



FCC TV NEWS - DATA

Roger H. Brown
1617 Linden
East Lansing, MI 48823

April 1974

No stations have started or stopped operating this month, so you haven't missed a thing! It's time now to make your lists for spring and summer...UHF stations within "striking distance"...much wanted low band stations within skip distance...who has more power and is now easier to see...and so on. Good luck! By the way, if you haven't found it yet...take a look at the PBS program on "Aviation Weather"...usually programmed Friday evening. The shows have discussions of flight weather across the nation for weekend aviators...with NOAA weather maps...and a local spot about your weather conditions. If you have more time to spend DXing on the weekend...the "Aviation Weather" show might be a good place to begin!

FACILITIES CHANGES

WKLE-46 Lexington, KY to 1100KW V
WKAS-25 Ashland, KY CP for 160KW V
WCVN-54 Covington, KY CP for 160KW V
WSNL-67 Patchogue, NY CP for 1800KW V
WNEP-16 Scranton, PA CP for 700KW V and 1700' AAT.

CHANGES REQUESTED

WDCN-8 Nashville, TN wants 120KW V
WMVT-36 Milwaukee, WI wants 1300KW V and 1000' AAT, move transmitter
KVOS-12 Bellingham, WA wants 180KW V, 2800' AAT, move transmitter

CALL LETTER CHANGES

KCCI-TV (8) Des Moines, IA (was KRNT)
KHQL-TV (8) Albion, NE wants KCNA-TV
KHOL-TV (13) Kearney, NE wants KHGI-TV
KHTL-TV (4) Superior, NE wants KSNB-TV
KITC (6) Boise, ID wants KIVI
KHPL-TV (6) Hayes Center, NE wants KNNB-TV
New ETV (27) Sumter, SC wants WRJA-TV

APPLICATION FOR NEW STATION

New ETV on ch 11 in Lowry, SD 316 KW V and 1050' AAT

MISCELLANEOUS

No translator info again this month. There's so much...I'm not sure yet how to do it. Any suggestions? There will be new ch 11 in Alpena, MI if owners can decide where they want TC located. Might be way south of that N. Michigan city...request for more power at WCVE-23 Richmond, VA turned down...never on air WTIE-29 State College, PA being sold...WPNE-38 noted off for a while in Feb, with Ant. problems (Draeb)...KITC-6 Boise is ABC, began reg service recently...at least 2 channel 2's are yet to be on in US...one already built in ND and another planned for Denton, TX. Both ETV. Latter info from Doug Johnson...lots of info re: Iowa ETV net, thanks to Bob Baker in Huboldt, IA. KDIN-11 Des Moines and KIIN-12 Iowa City are now on. KRIN-32 Waterloo (on KCRG tower) and ch 27 Sioux City will be on fall '74. Both have multi-megawatt power. Ch 36 Red Oak (in SW part of state) and lo-power ch 32 in Council Bluffs (tx in NE) on winter '74-'75. On air fall '75 will be ch. 46 Ft. Dodge on KVFD-21 tower...and ch. 24 Mason City on KGLO-3 tower. Thanks Robert! Note...article by Dave Janowiak last month very timely and much appreciated here. I agree completely. DXing is great fun..try for a clean set-up, no matter how complex. Enjoy, enjoy! And Gud DX de Rog 73

VAFI (A recap of what it means and how it's used.)

Video (V)	Audio (A)	Fading (F)	Interference (I)
No signal 0	No signal 0	Auroral flutter 0	Loss of signal 0
Just detectable 1	Just detectable 1	Deep to fast 1	Extreme 1
Heavy snow 2	Poor 2	Slow deep 2	Heavy 2
Moderate snow 3	Fair 3	Moderate 3	Moderate 3
Light snow 4	Good 4	Light 4	Light 4
Snow free 5	Excellent 5	None 5	None 5

VAFI is a system for detailed reporting of signal quality in a minimum of space. A typical DX column VAFI report would be similar to the following: 4334N540. The first four numbers read directly off the chart above. "N" indicates the station is a new logging. "R" for relog and "T" for tentative are alternates. The last numbers indicate mileage from DXer to DX station.



Canadian Radio-Television
Commission

Conseil de la Radio-Télévision
Canadienne

J. JOEL ROSENBERG & MARK L. LEWIS
47 FARNHAM HILL RD. 599 GAINSBOROUGH RD.
DOWNSVIEW -ONT- LONDON
416-633-1769 519-471-0978

NORTH OF THE BORDER:

FOR NEWS IN CANADIAN BROADCASTING

NR 74

TV APPROVALS

FAHLER, ALTA ch. 6 3.275 kw. dir. Sat CBKFT Edmonton ch. 11 (R-C)

TV APPLICATIONS

CHAMBERD (Roberts), PQ ch. 10 13 kw. dir. Sat CJPW-TV Chicoutimi ch. 6 (TVA)
KAPUSKASING, ONT ch. 10 .9/.18 kw. dir. Sat. CKSC-TV-2 Timmins ch. 3 (CTV)
CHANDLER, PQ CHAU-TV-4 Pres: ch. 7 5 w. Props ch. 15 .129 kw.
GASPE, PQ CHAU-TV-6 ch. 10 Pres: 5 w. Props .16 kw
PERCE, PQ CHAU-TV-5 ch. 2# Pres: .465/.233 kw. Prop: 9.62/.962 kw.
RIVIERE AU RENARD, PQ CHAU-TV-7 ch. 7 Pres: .0975/.0488 kw. omni Prop: .205/.0205 kw. dir.

FM APPROVALS

QUEBEC, PQ CHRC-FM 98.1 MHz 81 kw. add: S.C.M.C.

FM APPLICATIONS

HALIFAX, NS CHFX-FM Pres: 96.1 MHz 19.5 kw. omni Prop: 101.9 MHz 100 kw. dir. \$ new site
THRURO, NS CKOL-FM 100.9 MHz omni Pres: .36 kw. Prop: 11.5 kw. new site
SEPT-ILES, PQ 95.7 MHz 96.75 kw. omni Sat. CBGA-AM Matane (CBC FR AM net)

TIDBITS

New ch. 7 Edmonton, Alta (Ind.) will have call CTV-TV
In Corner Brook, Nfld, ch. 10 CJCW-TV-1, soon with own studios, has call CJCWN-TV.
CFTO (Toronto) will sell its 75% share in CKLW-TV ch. 9 Windsor to CBC one year early. CBC should be in full control in May.
GLOBAL Notes: Paul Gaines of Detroit sees ch. 6 Paris & 22 Windsor quite often.
Paul Traska of Buffalo has logged 5 xmtrs & is looking for 6 Ottawa to complete the set.
Bill Thompson, Buffalo, watches 22 Uxbridge & 87 mi. with light snow. He's seen that signal almost watchable using a loop in a northern Buffalo suburb!
Thank you, Jim Alexander, New Hartford NY, for your kind comments.
Congratulations to all those who have already logged GLOBAL signals.
GLOBAL CALL-SIGNS:
Ch. 22- Gottam...CKGN-TV-1 Ch. 29# Oil Springs...CKGN-TV-29
Ch. 6# Paris...CKGN-TV Ch. 22# Uxbridge...CKGN-TV-22
Ch. 2# Bancroft...CKGN-TV-2 Ch. 6 Ottawa (xmtr in Hull PQ)...CKGN-TV-6
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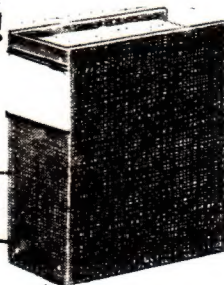
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APRIL 1974

STATISTICS

STATISTICS

Editor:

Deadlines:

12 April (13T FMSB)

10 May (TVSB, revisions)

10 June (14-17 92FM)

91.7 KOSU FM



National Public Radio

Glenn Hauser

KOSU - FM

Okl. State Univ.

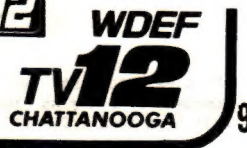
Stillwater OK 74074

91 MHZ FMDX RECORDS

MHz	Prop	Call	Location	Miles	Dxer, Location
91.1	Es	WGGL	Houghton MI	1350	Glenn Hauser, Von Ormy TX
	Tr	WFAM	Jacksonville FL	1020	Glenn Hauser, Von Ormy TX
	MS	KSNJ	New Brighton MN	1130	Glenn Hauser, Von Ormy TX
	Au	KCCM	Moorhead MN	605	Russ Brown, Saint Joseph MI
91.3	Es	WIPR-	San Juan PR	1820	Carlton Howington, Uniontown OH
	Tr	WTHS	Miami FL	1155	Glenn Hauser, Von Ormy TX
	MS	WHHI	Highland WI	740	Larry Vogt, Springfield VA
	Au	WCNY-	Syracuse NY	525	Russ Brown, Saint Joseph MI
91.5	Es	WBJC	Baltimore MD	1425	Glenn Hauser, Von Ormy TX
	Tr	KANU	Lawrence KS	740	Carlton Howington, Uniontown OH
	MS	WHMD	Suring WI	1220	Glenn Hauser, Von Ormy TX
	Au	WRPI	Troy NY	505	Frank Merrill, Milan MI
91.7	Es	KANU	Lawrence KS	tie	Russ Brown, Saint Joseph MI
	Tr	KOSU	Stillwater OK	1335	Shelby Remington, New Haven CT
	MS	WHRS	Boynton Beach FL	725	Richard E. Wood, Baton Rouge LA
	Au	KOSU	Stillwater OK	790	Bruce Elving, Adolph MN
91.9	Es	WSIU	Carbondale IL	1725	Russ Brown, Saint Joseph MI
	Tr	WSIU	Carbondale IL	810	Jim Pizzi, Santa Maria CA
	MS	WHRM	Rib Mountain WI	1005	Glenn Hauser, Von Ormy TX
	Au	WSIU	Carbondale IL	505	Richard E. Wood, Baton Rouge LA
					John Ebeling, Bloomington MN

CHANNEL 12 TROPO TVDX RECORDS

Call	Location	Miles	Dxer, Location	Logos
WSFA-	Montgomery AL	685	Robert Cooper, Oklahoma City OK	
KHSL-	Chico CA	320	Dennis Smith, Wasco CA	
KFRE-	Fresno CA	700	Cecil Morrow, Elma WA	
KCOY-	Santa Maria CA	230	Paul Johnson, Oakland CA	
WDEL-	Wilmington DE	765	Sam Brooks, Boston GA	
WFGA-	Jacksonville FL	1020	Glenn Hauser, Von Ormy TX →	
WEAT-	West Palm Beach FL	1150	Glenn Hauser, Von Ormy TX	
WILL-	Urbana IL	510	Robert Seybold, Dunkirk NY	
KIIN-	Iowa City IA	615	Robert Seybold, Dunkirk NY	
KTVH	Hutchinson KS	1010	Robert Seybold, Dunkirk NY	
WVUE	New Orleans LA	615	L.J. Bros, Mérida Yuc	
KSLA-	Shreveport LA	885	Bill Draeb, Kewaunee WI	
WMEB	Orono ME	880	Paul Petosky, Munising MI	
WPRO-	Providence RI (MA)	450	Mike Dunn, Seaforth NS	
WJRT	Flint MI	515	Dave Egan, Valleyfield PQ	
W12AP	Kalamazoo MI	55	Gary Ehresman, S Bend IN	
KEYC-	Mankato MN	550	Glenn Hauser, Enid OK	
KNMT	Walker MN	745	Fred McCormack, Des Lacs ND	
WJTV	Jackson MS	925	Robert Seybold, Dunkirk NY	
KFVS-	Cape Girardeau MO	785	Karl Kleintop, Telford PA	
KODE-	Joplin MO	875	Robert Seybold, Dunkirk NY	
KUON-	Lincoln NE	505	Bill Draeb, Kewaunee WI	
KRNE-	Merriman NE	285	Marv Garber, Lincoln NE	
WHYY-	Philadelphia PA (NJ)	290	Robert Seybold, Dunkirk NY	
KFDW-	Clovis NM	825	Ron LeBlanc, Marrero LA	
WNBF-	Binghamton NY	645	Ferdinand Dabrowski, Lebanon WI	
WCTI-	New Bern NC	825	Ron LeBlanc, Marrero LA	
WSJS-	Winston-Salem NC	745	Carlton Howington, Homestead FL	
KBMB-	Bismarck ND	685	Barney Rauch, Peoria IL	
KCND-	Pembina ND	200	Fred McCormack, Des Lacs ND	
WKRC-	Cincinnati OH	730	Robert Cooper, Arcadia OK →	
KVSO-	Arcmore OK	785	Dave Janowiak, Milwaukee WI	
K12GA	Fargo OK	75	Glen Neal, Sayre OK	
KPTV	Portland OR	240	Albright & Wood, Mt Ashland OR	
WICU-	Erie PA	940	Startzman, Bennington KS	
WRDW-	Augusta GA (SC)	1020	Glenn Hauser, Von Ormy TX	
WDEF-	Chattanooga TN	700	Glenn Hauser, Enid OK	
KBMT	Beaumont TX	485	Glenn Hauser, Enid OK	

WINSTON-SALEM
GREENSBORO
HIGH POINT

STATISTICS

KONO- San Antonio TX
 KTXS- Sweetwater TX
 WRVA- Richmond VA
 KVOS- Bellingham WA
 WBOY- Clarksburg WV
 WISN- Milwaukee WI
 WABO- Rhinelander WI
 "CEPST3" Elliot Lake Ont
 CHEX- Peterborough Ont
 "CELAT2" White River Ont
 CKRS- Jonquiere PQ
 CFCF- Montréal PQ
 CKCK-1 Colgate Sask
 XEWT- Tijuana BC
 KHAW- Monterrey NL
 CMBJ- Habana Cuba
 CMFF- Jaitibonico Cuba
 "TVNG" Pinar del Río Cuba
 KMVI- Wailuku HI
 El Valle Panamá

1135 Carlon Howington, Homestead FL
 615 Ron LeBlanc, Marrero LA
 540 Gary Ehresman, South Bend IN
 215 Ed Hepp, Portland OR
 545 B.J. Bingham, Festus MO
 920 Ron LeBlanc, Marrero LA
 795 Robert Cooper, Arcadia OK
 270 Bill Draeb, Kewaunee WI
 490 Dave Janowiak, Milwaukee WI
 165 Paul Petosky, Munising MI
 735 Paul Petosky, Munising MI
 420 Roger Gravelle, St Thomas Ont
 130 Fred McCormack, Des Lacs ND
 255 Jim Pizzi, Orcutt CA
 690 Ron LeBlanc, Marrero LA
 705 Ed Bourgeois, Norco LA
 260 Carlon Howington, Homestead FL
 350 Dick Clark, Ft Lauderdale FL
 110 Glenn Hauser, Honolulu HI
 45 Dave Swanson, Margarita CZ

April 1974

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KVOS-TV ch.12

TV★12



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KTXS-TV

SWEETWATER-ABILENE



KBLL-TV

Channel 12 - Helena



KTAR-TV 12
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EASTERN TVDX

Bill Thompson
1907 Seneca Street
Buffalo, NY 14210

April 1974

Deadline: 10th

Nothing really unusual to report. This month's column shows more results from the January Es and tropo openings, plus some more reports dating back into last year. Another 5 megawatt "U" is on the air; the superpower rush now seems to be well underway (see Steve West's report).

Steve West 432 Kenmore Road Havertown, Pennsylvania 19083 (EDT/EST)

"I haven't sent in a report for at least half a year so I only listed the new ones. As far as DX goes, this winter has been almost void of Es but the tropo conditions are much better than last year. Last year I was getting Es almost every other day in December, but this year Es has only been seen on 1-1 & 1-2, for the whole winter. There have been openings to VA and NY at least once a week on tropo, which is more than last year. WTAF-29 has gone to 5 million watts ERP, and it seems like all



the UHF stations are gradually going to higher power...I'm located 3 miles from the Philadelphia TV stations so I do have interference problems."

June			
2 Es	2000	WPTV-5	W Palm Beach FL
4	1700	KJAC-4	Port Arthur TX
11 Tr	0630	WXLII-12	Winston NC (400)
13 Es	1930	WTVY-4	Dothan AL (850)
15 Tr	2300	WGR-2	Buffalo NY (300)
	2300	WSYR-3	Syracuse NY (200)
	2300	WHEN-5	Syracuse NY (200)
19 Tr	2400	WNAC-7	Boston MA (275)
	0200	WDEV-6	New Bedford (225)
30 Es	1600	KTVI-2	St Louis MO (850)
	1600	WBBM-2	Chicago IL (650)
	1600	KTVI-4	Sioux City (1100)

July			
11 Es	2000	KOCO-5	Oklahoma City OK
31 Tr	0230	WFSX-3	Clearfield (200)
August			
7 Tr	2000	WMSW-27	Worcester MA (250)

John Combs 816 W. Harvard Orlando, Florida 32804 (EDT)

"Here's my abbreviated February report. My receiver 'died' on the 8th—it works fine on CATV but sensitivity is bad on the antenna. I'm now using a 1960 17" relic with chs 7,8,13 missing. You also have to kick it around a bit to get it going. (A clear case of violence on TV, hi -bt) It looks like I'm temporarily retired from TV DXing!! The UHF tuner is also busted on the set. What a kick in the head—a brand-new 8-bay UHF antenna sitting in the garage and I can't even use it!!"

February			
2 Tr	0955	WFTM-9	Columbus GA NO340
"local WFTV off-air for adjustments"			
	0957	WALB-10	Albany GA RO280
	1000	Panama City VHF	(7 & 13)
	1001	WVAN-9	Savannah GA RO245
	1008	WFSU-11	Tallahassee RO220
	1010	WTOC-11	Savannah GA RO245
"all f/out by 1030—got into this opening kind of late"			

3 Tr	0750	WTOC-11	Savannah GA RO245
	0843	WJHG-7	Panama City RO275
	1034	WDTB-13	Panama City RO275
4 MS	0721	KATC-3	Lafayette LA RO665
Tr	0725	WALA-10	Mobile AL NO425
	0726	WDTB-13	Panama City RO275
	0739	WTVY-4	Dothan AL NO305

April 1974

Mark L. Lewis 599 Gainsborough Road London, Ontario N6G 2C5
(in Downsview, Ontario) "I have a reading week, so I'm in Toronto for a few days. At my Downsview home site, only 25 miles or so from Global ch 22 Uxbridge xmtr, there is no problem receiving adjacent channel WXXI-21 Rochester NY, @ 110 miles and conditions tonite (2-25) are your average winter doldrums. WXXI's beam is only 40 degrees of the CKGN-TV xmtr. Of course, WXXI is very weak...at times no more than a frame bar. I recently picked up a real 'DX machine'. I bought a 20" General Electric Colour TV, with UHF detent tuning. The readout on the tuner dial is about 1" so there is no eye strain or guessing. The accuracy is almost perfect from ch 14 right up to 79 and the translator channels. The only problem is it takes 7 1/2 dial turns to tune from 14-83, but there will be no guessing during DX conditions...so I look forward to 'some' DX. As I sit here and type this letter, I am tuning around UHF. The temperature will fall to about zero tonite, but there is some UHF in the air, albeit no more than frame bars. Right now, I'm getting weak signals from ch 40 Binghamton, ch 36 Elmira, ch 34 Binghamton, ch 21 Rochester, ch 24 Erie, ch 35 Erie, 54 Erie, 61 Cleveland, 43 Lorain, 27 Youngstown, 33 Youngstown, 45 Salem, ch 50 Detroit, plus our 6 locals. 19 UHF stations may not seem like many in the dead of winter, but on a 7' dish, without a preamp, at these temperatures, it really warms one's heart to see frame bars from stations at 200+ miles!"

J. Joel Rosenberg 47 Pannahill Road Downsview, Ontario M3H 4N4 (BST)
January 1974
1 Hs 1530 unIDs 2,3,4 19 0015 CBQFT-9 Ottawa Ont (PQ)R
1600 KJAC-4 Port Arthur TX T 19 1630 "UHF to about 200mi-Erie, Cleveland, Akron, Elmira
1620 KDFW-4 Dallas TX R1200 1905 also Detroit, Binghamton,
1630 KTBZ-3 Shreveport R1100 WBRZ-28, TVIA-44, WNEP-16,
1630 KCEN-6 Temple TX N1250 strong CGT thru 5 mega-
2 1510 unIDs to ch 4 watt GLOBAL ch 22"
1600 WWL-4 New Orleans R1115 20 0315 WXYZ-7 Detroit MI R0210
1630 WBRZ-2 Baton Rouge R1115 23 2305 CKGN-2 Bancroft Ont N0140
1630 WLBT-3 Jackson MS R0980 26 conditions up to 200mi
4 GW 1435 CKGN-6 Paris Ont N0060 February
2105 CKGN-22 Uxbridge N0025 12 Tr conditions up to 200mi
7 Tr 0035 WTOL-11 Toledo OH R 21 " " " "

Roger Gravelle 60 Valerie Street St. Thomas, Ontario N5R 1A8
"It has been a long time since I sent in a report—but with no tower—rabbit ears are my only chance. I have a 70' tower on order. I also have a Delhi 5' super parabolic for UHF on order and a Delhi 1037 for VHF & FM. Here is a very abbreviated log of only new listings I have rec'd lately."

May 1973
20 Tr CITY-79 Toronto (on old tower) 4 GW 5pm CKGN-6 Paris Ont "on test"
October 10 Tr CKGN-22 Cottam ("CKGN1"-bt)
1 Tr WBOC-45 Salem OH GW CKGN-29 Oil Springs
WBGU-57 Bowling Green-Lima OH "chs 6 & 29 GLOBAL in always"
"I have bought a new Electrohome Colour TV—but am on cable right now—am really looking forward to getting my tower up."

Ken Simon 528 Pilgrim Road West Palm Beach, Florida 33405 (EDT)
February 26 Hs 1955 XEZ or XEUV-3 (canal2 net)
20 Tr 0719 W64AD, W61AA "rebr. WBOC-6" 2030 XEW-2 Mexico City 4042R
23 Hs 0935 unID-2 2040 XHTV-4 Mexico City 3021R
1131 unID-3 NBC 2046 XHP-3 Puebla, Pue 4034R
"Nothing too exciting but always nice to see an Bs opening...have been having troubles with TelePromTer (CATV)...TelePromTer came March 4 and fixed the leakage after I had complained to the FCC...I keep my fingers crossed it will stay fixed." (The following report forwarded by Ken-bt)

Ricard Clark, Lighthouse Point, Florida (in La Punta, PERU)
"...don't have much to say right now...on TV Canal 2 is now off the air but the following were logged (all Lima stations, all by groundwave);
OAX4U-4 "canal cuatro" — -11 "canal once"
OAY4A-5 "Panamerica Television" OAY4B-13 "canal trece"
OAX-7 "canal siete" "...73s desde Ricardo"

CENTRAL TV DX

Don Ruland
4448 68th Place
Kenosha, WI
53140

APRIL 1974 / DX from WI, IL, IN, MI, OH / Next deadline: April 15th

An unusually strong and early surge of warm air moved into the Midwest the first week of March, and along with it came predictable tropospheric ducting. However, while many high temperature records for the date were set, TV DXing results were less spectacular. But after all, this is still late Winter, and Central DXers will take what they can get this time of year!

Marvin Shults, R. R. 2, Toulon, IL 61483 (CDT)

1-23 Tr 1000 KCBJ-17 Columbia	2-17 Tr 0929 WLKY-32 Louisville
1000 KFVS-12 Cape Girardeau	0929 W68AA Danville
1-28 Tr 1830 KCBJ-17 Columbia	0930 W49AA Springfield, IL
1830 KRCG-13 Jefferson City	1000 W74AE Jacksonville, IL
Ba 2230 WESH-2 Daytona Beach	1000 K79HL Iowa City
2-7 Tr 1930 WNIT-34 South Bend	

Mother Nature apparently took offense to Marvin's Finco P-7 dish and JFD TV-190 VHF antennae that had been installed on December 26th. As Marv relates, "On Friday, Feb. 22, a blizzard driven by 55 MPH winds blew the new installation down. Less than two months is the shortest time I've had an antenna installation last....I am temporarily operating with stationary VHF-UHF antenna at 40', and with hand rotatable VHF at 10'." A real tough break, Marv.....since you've got the dish down anyway, why not consider adding a CMA-Ub when it goes back up?

Roger Brown, 1617 Linden, E. Lansing, MI 48823 (EDT)

1-19 Tr 0955 WHWC-28 Golfax(400)	1-28 Tr 2310 WICS-20 Springfield(340)
1007 WHLA-31 LaCrosse(380)	2310 WAND-17 Decatur(300)
1415 WPHL-17 Philadelphia(525)	2314 KMTC-27 Springfield(650)
1415 WTAF-29 Philadelphia	2346 WUSI-16 Olney(380)
1415 WKBS-48 Philadelphia	1-31 GW 1325 WNIT-34 South Bend
1430 Scranton UHF's	3-2 Tr 0940 KMEG-14 Sioux City(600)
1435 WLWS-23 Camden, NJ(525)	1000 WHLA-31 LaCrosse
1800 WMFB-67 Baltimore	1000 WKOW-19 LaCrosse
2330 WBJA-34 Binghampton	1000 KDUB-40 Dubuque
2330 WENY-18 Elmira	1000 KDSD-16 Aberdeen, SD T
2330 WLVT-39 Allentown	1000 K32AA Waterloo Tent.
1-25 Tr 2305 CKGN-29 Oil Springs(120)	1430 KTSB-27 Topeka(720)
1-28 Tr 2310 KDNL-30 St. Louis(410)	3-7 LS ---- KDNL-30 St. Louis(410)

"I'm as ready as I'm going to be for DX season, except to change one feed line (on top of one tower) and perhaps try a phasing system on channel five.....Can't say enough about value of CMA-Ub as compared with older model (CMA-U) and cost of other units....I'd say it's a true bargain for a serious DXer." Log now at 421.

Paul Gaines, 15941 Fairfield, Detroit, MI 48227 (EDT)

1-5 Tr 0245 WLWC-4 Columbus	1-24 Tr 0228 CKCO-13 Kitchener
1-6 Tr 0440 CKVR-3 Barrie Tent.	1-25 Tr 0132 WICU-12 Erie
1-14 Tr 0135 CKCO-13 Kitchener	2320 CKGN-29 Oil Springs
1-17 GW 2330 CKGN-22 Cottam(Windsor)	1-26 Tr 0010 WUAB-43 Lorain
1-20 Tr 0142 CKCO-13 Kitchener	0035 WKBF-61 Cleveland
0145 CKGN-6 Paris, ONT	1-29 Tr 0118 CKCO-13 Kitchener
1-21 Tr 2320 WOTE-30 Toledo	0232 CKGN-6 Paris
1-24 Tr 0015 WKJG-33 Ft. Wayne	1-30 Tr 0209 WLWC-4 Columbus
0044 WANE-15 Ft. Wayne	2-9 Tr 2313 WKAR-23 E. Lansing
0049 WNDU-16 South Bend	2324 WWTI-25 Saginaw
0133 WLWI-13 Indianapolis	2-13 Tr 0020 WJIM-6 Lansing
0155 WPTA-21 Ft. Wayne	

Paul DXes with two sets, both without the benefit of outdoor antennae. Incidentally, one of the two sets is a GE FM/AM radio with TV audio, operates either AC or DC, and sells for \$39.95.

Bill Draeb, Ellis St., R.R. 2, Kewaunee, WI 54216 (COT)

2-14 Tr 1638 KBNL-30 St. Louis(432)	3-2 Tr 2138 WMUL-33 Huntington(498)
1659 WSIU-8 Carbondale	3-4 Tr 2020 KBNL-30 St. Louis
2-15 Tr 1640 WOSU-34 Columbus(395)	3-5 Tr 1825 WOSU-34 Columbus
2-17 Tr 0530 WHIO-7 Dayton Tent.	3-6 Tr 0620 WKEF-22 Dayton
0530 WKRC-12 Cincinnati(400)	0620 WXIX-19 Cincinnati
0625 WGM-10 Quincy(373)	0630 WLEX-18 Lexington
0630 KPLR-11 St. Louis	0640 WFIE-14 Evansville(420)
2-19 Tr 1611 CKGN-22 Cottam(270)	0645 WOSU-34 Columbus
2-20 Tr 1730 WOET-16 Dayton(368)	0717 WBGU-57 Lima(307)
1834 WIII-38 Terre Haute	0815 WMUL-33 Huntington
2-22 Tr 1844 Cleveland U's(355)	1234 Cleveland U's
2-25 Tr 1933 Dayton U's(368)	2005 Erie U's(405)
2012 WKYT-27 Lexington(473)	3-7 Tr 1655 Cleveland U's
3-2 Tr 0725 KCBJ-17 Columbia(450)	3-10 Tr 1604 Cleveland U's
0725 WAND-17 Decatur(315)	1842 WHMB-40 Indianapolis
0725 WICS-20 Springfield	1940 Iron Mountain xtrs.
0725 KTSR-27 Topeka(560)	3-11 Tr 0645 Iron Mountain xtrs.
0738 KMTC-27 Springfield(588)	0645 Escanaba xtrs.
0805 KBMA-41 Kansas City T	0645 WBSN Stephenson, MI
1842 KBNL-30 St. Louis	0815 WCET-48 Cincinnati
1842 WFYI-20 Indianapolis	0815 WKON-52 Owenton(437)
2043 WUTV-29 Buffalo(445)	0815 WXIX-19 Cincinnati
2043 CKGN-29 Oil Springs	0826 WMUL-33 Huntington(498)
2048 Cleveland U's	0830 WPEO-42 Portsmouth(461)
2050 WKBN-27 Youngstown(420)	1545 Cleveland U's
2104 WKYT-27 Lexington(473)	

Gary A. Olson, 1203 Kenton Rd., Deerfield, IL 60015 (CUT)

1-1 Es 1625 WEAR-3 Pensacola(620)	1-1 Es 1630 WEDU-3 Tampa(1000)
1629 KDBC-4 El Paso(1240)	3-3 Tr 1800 KMTC-27 Springfield(450)

Gary currently has a CMA-Ub on order, so watch for his already impressive UHF totals to climb.

Paul E. Petoaky, Box 140, Munising, MI 49862 (EDT)

2-11 Au 0015 unID ch 2-13 N to NW	2-26 Tr 1900 WPNE-38 Green Bay
2-13 Tr 0230 WITI-6 Milwaukee(235)	1905 CHFD-4 Thunder Bay
2-17 Au 0245 unID ch 2-6 from North	1930 WGTU-29 Traverse City
2-17 Tr 2215 CHFD-4 Thunder Bay(185)	2-27 Es 1830 unID ch 2-6 NE
2-18 Tr 2325 WPNE-38 Green Bay(145)	Tr 1900 WPNE-38 Green Bay
2-19 Tr 0130 WISC-3 Madison(274)	2200 WGTU-29 Traverse City
0135 WITI-6 Milwaukee	3-2 Tr 1820 WGTU-29 Traverse City
2230 WPNE-38 Green Bay	1830 WDEM-5 Bay City(240)
2-20 Tr 0045 CHFD-4 Thunder Bay	2030 WZZM-13 Gr. Rapids(240)
2-22 Au 2100 unID ch 2-6 NE	2130 WVTU-18 Milwaukee(235)
2-23 Tr 0220 WTMJ-4 Milwaukee	3-3 Tr 0130 CHFD-4 Thunder Bay
0220 WITI-6 Milwaukee	0145 WITI-6 Milwaukee
Au 0230 unID ch 2-6 NE	3-5 Au 2245 unID ch 2-6 NW
2-24 Tr 1845 CHFD-4 Thunder Bay	

In addition to the above loggings, Paul reports seeing the low-power CHLAT-13 VHF satellites (ch. 8-Manitowadge, ch. 9-Wawa, and ch. 11-Marathon---all in Lake Superior area of Ontario) on February 17, 18, 20, 24, 26, 27, 28, and March 2.

Don Ruland, 4448 68th Place, Kenosha, WI 53140 (COT)

2-21 Tr 0635 WOSU-34 Columbus(320)	3-6 Tr 0600 WKRC-12 Cincinnati(300)
0640 WVIZ-25 Cleveland(330)	0601 WXIX-19 Cincinnati
3-2 Tr 0900 KBMA-41 KansasCity(430)	0610 CKGN-22 Cottam(270)
0930 KCBJ-17 Columbia(340)	0648 WYTV-33 Youngstown
1000 KMEG-14 SiouxCity Tent.	0649 CKGN-29 Oil Springs(290)
1100 KBNL-30 St. Louis(300)	0657 WOSU-34 Columbus
1130 KTPI-8 Des Moines(310)	3-11 Tr 0553 WHIZ-18 Zanesville(360)
1700 WUAB-43 Lorain(310)	0555 Youngstown U's(380)
1700 WKEF-61 Cleveland(330)	0557 WXIX-19 Cincinnati
1900 WSEE-35 Erie(400)	0558 WVIZ-25 Cleveland
1900 WQLN-54 Erie	0625 WOSU-34 Columbus
3-6 Tr 0544 WPMJ-21 Youngtown(380)	0630 WBNS-10 Cleveland

Log at 337...eagerly awaiting arrival of CMA-Ub on order.....73...

WESTERN TV DX

April 1974

Dennis Park Smith
2237 1/2 Ceres Avenue
Chico, California 95926
(Telephone 916 343-9424)
Deadlines: 10th of each month

Tropo levels have been fair now and then—but there was quite a good session on 2 March, with all reporters catching some of the action. DXers in Kansas and Oklahoma (though not in Texas) saw Illinois, Wisconsin, Missouri, etc. on VHF and UHF. February was practically Es-barren, after some activity in January. Early March saw some increase, though, with much as usual coming from observers in more southern areas.

Es	January	1	2	3	4	5	6	7	13	16	18	20	22	26	27	29	30	Feb	23	26	Mar	2	3	4	5	6
Nr. reporters	10	9	1	7	3	2	5	4	1	1	1	1	1	1	1	2	1	1	1	1	3	2	4	5	6	
MUF at least	9.9	9.1	4.9	3.1	3.8	2.9	4	2	6	2	5	2	2	2	2	4	4	3	3	2	4	6	8	9	7	

Joseph A. Markewicz, CFS Alsask, Alsask, Saskatchewan SOL OAO (Jan-Mar) (MST)
J28 tr 2100 CKCK-2 Regina Sask (CFCN8-2 off) (23(tr) 2130 unId 13 (CBKST Id?)
CFAC-2 Calgary Alta 2200 unId 7 (thought I hrd
F1Q tr 1800 CHAT1-4 Pivot CBKST 11,9,12 Id)
CHAT-6 Medicine Hat Alta M2 tr 0300 CFCN8-2 Oyen Alta(s/off) 5555
1830 CKBI-5 Prince Albert Sask 0400 CFCN8-2 (TP, usually all nite)
(must be directional north 0430 CFQC1-3 Stranraer Sask 5555
as very weak in Saskatoon) (QC-8 Good Morning slide)
23 tr 1630 CFQC-6 North Battleford Sask 0730 CBKST-9 Stranraer Sask 5555
(QC-8 Saskatoon Id) 1000 CHAT-7 Oyen Alta (weak)
1700 CFQC-8 Saskatoon Sask (only a few watts but a booster &
2100 CBKST-11 Saskatoon Sask 120' tower brings them in 5555)

Alsask is kind of an ideal location for DX because of absence of local AM, FM & TV stations. The closest TV is at Oyen, Alberta (apx 25 mi). Alsask has its own community tower located on the station. The tower brings in 4 stations (2 CBC, 2 CTV). Last year, we could get CKRD-10, but they need to install a new booster. Also there are plans to connect Ch. 12 up to cable. It'll be good for FM DX this summer as no FM stations on ground wave at all, unless you use the 120' tower which gets Saskatoon. 73's.

Marv Garber, 2414 South 19th, Lincoln, Nebraska 68502 (Letters mid-Feb & 4 Mar) (CDT)
It has been almost two years since I've reported to these pages but I'm happy to announce that the TV-DX bug has bitten again and I hope to be a more regular reporter this season. Since last report I've gotten married and bought a house (and if you think that didn't slow down DXing, try it some time!). Now that I'm out of financial ruin I'm planning on at least a 40' tower with stacked high-band (possibly four), a low-band, and an FM antenna on it. Recently had to put a new picture tube into my vintage Zenith but I did most of the work and saved a bundle by buying the tube at cost through a friend. Since I'm coming back to DX I'd like to see more of you old-timers also join me. For instance, how about a report from Randy Miltier! My last DX that I can remember was on 8/17/71 when I saw WKYC-3 OH (750 mi) @ 0107 CST s/off, a tropo (VHF) record for me. Recent DX:

March 2 tr 0103 KWNL-7 Waterloo IA 4445 260
0137 KROC-10 Rochester MN 2345N310
0205 WGEM-10 Quincy IL 1333 290

Plus all Des Moines & Kansas City V's. Totals now 185, all VHF.

All of this seen with Zenith 23" 16J22 receiver and fix-aimed (n.e.) cheapo ant.
By the way, the cover on the January VUD got to me. 73.

Dave Pomeroy, 5231 W. 31st Street, Topeka, Kansas 66614 (6 Feb - 6 Mar) (CDT)

Spring is not yet here, but some nice tropo has already developed so maybe it will be a good spring. March 2 brought the highest number of UHF stations I have ever seen on one day here—over 20 at one time! Considering there is only 1 UHF station in Kansas, that's a pretty good day. Distance have not been exceptional, but the quality of the signals has been quite good.

J16 tr 0130 WAND-17 Decatur IL (2(tr) 0800) KHNE-29 Hastings NE (2(tr) 1058 #FLD-32 Chicago IL
0915 KYNS-26 Omaha NE KDUB-40 Dubuque IA 1100 #SNS 44 Chicago IL
0930 KMEG 14 Sioux City IA 0829 #QAD-8 Moline IL 1102 #RAU-19 Peoria IL
1130 K8P##80 Beatrice NE 0830 #L9AA 49 Springfld IL 1120 #HA -21 Madison WI
M1 tr 2200 KMEG 14 Sioux City 0900 #MBD-31 Peoria IL 1145 #SEK-25 Peoria IL
KVFD-21 Ft Dodge IA 1000 #MTVP 47 Peoria IL 1159 #NDU-16 S. Bend IN
2 tr 0800 WHLA 31 LaCrosse WI #IIL 38 Tr Haute IL 1200 #ICD 15 Champagn IL
#ICS 20 Springfld IL 1030 #MTV 15 Madison WI 1230 WAND-17 Decatur IL

(2)(tr) 1300 WSBT-22 S.Bend IL 6 tr 0815 KYNE-26 Omaha NE (6)(tr) 0830 KCRG-9 CdRapids IA
 WCBE-23 FreeportIL 0825 KVFD-21 FtDodge IA KMEG 14 SiouxCityIA
 WJSV 28 Elkhart IN

Also, on 3/2 strong co-channel interference on top of KBMA-41 & KTSB 27 & WIBW-13.
 Hope everyone will remember the WTFDA Convention in early August in Topeka.
 Total now 114. 73.

Richard Noel Allen, Billings, Oklahoma 74630

(1 Feb - 2 Mar) (CDT)

Receiver: Sony Trinitron model KV1212

Antennas: Winegard 11-element VHF LP & Archer 44-element UHF LP, at apx 30 ft.

17 tr	0725 KVUE 24 Austin TX	420	(2)(tr) 0900 WHA -21 Madison WI	N 650
	0728 KVRL 26 Houston TX	490	0910 WRAU-19 Peoria IL	520
	0730 KTVV 36 Austin TX	420	0930 WMTV 15 Madison WI	N 650
	0748 KXTX 39 Dallas TX	260	0935 KRWI- 8 Des Moines IA	N 420
	0750 KBMA 41 Kansas City MO	250	1100 KTVF 47 Peoria IL	N 520
	0900 KTRK 13 Houston TX	N 490	1130 WSNB-14 Chicago IL	N 630
M1 tr	0620 KGIN-11 Grand Island NE	N 310	1200 WCBE-23 Freeport-RockfordIL	N 630
	0625 KOLN-10 Lincoln NE	N 300	1205 WKOW-27 Madison WI	N 650
	0650 KHNE-29 Hastings NE	290	1220 KHQA- 7 Hannibal MO	395
	0650 KHAS- 5 Hastings NE	290	1330 KQTV 2 St. Joseph MO	N 280
2 tr	0825 WICS 20 Springfield IL	500	Es (MUF: channel 2)	
	0830 WMBD-31 Peoria IL	520	2040 XEW - 2 Mexico City DF	T1175
	0840 WEEK-25 Peoria IL	520	(Televisa stn.w/Tom&Jerry cartoons)	
	0855 KTVT 11 Ft. Worth TX	255	Totals: 168 (52 UHF, 14, xlters).	73s.

Glenn Hauser, 620 N. Husband, Stillwater, Oklahoma 74074

(5 Feb - 7 Mar) (CST)

M2 tr	0856 WHO -13 Des Moines IA ?	T	6 tr	0740 KBMA 41 Kansas City MO	
	0856 WREX 13 Rockford IL ?	T		(ah, welcome back, UHF!!)	
	1015 KTWU 11 Topeka KS		0745	KMTC 27 Springfield MO	
	("Operational Difficulties Have Interrupted Our Programming" slide showing hat w/ bullet holes; net also lost by KETA; tropo on microwave??)		Es	2039 XHY - 3 Merida Yuc	N1140
	1017 KMBC- 9 Kansas City MO			(knobby 3 Id slide not unlike XHBC-beware! soon gone)	
	1129 KTVO 3 Ottumwa IA (MO)	N 390	7 tr	0520 KMBC- 9 Kansas City MO	
	(This opening prompted me to regain UHF capability by bypassing nogood Able U-2 amp this afternoon, & what should happen but, Es:)			(s/on o/KWTV; VAPI 5554)	
	Es 1936, 1954, 1959, 2030 ch 2 Spanish-south (cartoons) (same as Richards? dps)		0545	KBMA 41 Kansas City MO	
	3 Es 1831 ch 2 Spanish (same as last night)			(abs.solid CB, TT; 0556 s/on; 0945 promoting one of many Japanese shows)	
			0558	KTSB 27 Topeka KS (solid; s/on)	
			0942	KOPT 19 Kansas City KS (solid)	
				(runs CB between ITV shows)	
			0945	KGBJ 17 Columbia MO	
				Until the next, 73 de Glenn.	

Pat Dyer, 5315 Silvertip Drive, San Antonio, Texas 78228

(8 Feb - 7 Mar) (CST)

Equipment: 1971 model 9-inch Penncrest black-and-white with an Archer V-100 and 8-bay UHF bow-tie array at 20 feet with rotor

17 tr	0959 KLN1 15 Lafayette LA	395	M1 tr	0925 KGBD-11 Lubbock TX	T 340
	KVRL 26 Houston TX	195		1029 KOSA- 7 Odessa TX	
	KHTV 39 Houston TX	195	2 Es	1715-1825 2,3 unids (Cuba?)	
	2125 KLTV 7 Tyler TX	280	tr	2150 WAFB- 9 Baton Rouge LA	T 450
	2311 WRBT 33 Baton Rouge LA	450		2158 WAPT 16 Jackson MS	T 525
	2318 WAFB- 9 Baton Rouge LA	450		2335 KTVT 11 Fort Worth TX	240
18 tr	0002 KNOE- 8 Monroe LA	440		2352 WFAP- 8 Dallas TX	250
	0015 KPLC- 7 Lake Charles LA	325	2 tr	0028 KAUZ- 6 Wichita Falls TX	305
19 tr	2305 KPLC- 7 Lake Charles LA	325		0106 KNTV 9 Oklahoma City OK	420
	KLN1 15 Lafayette LA	T 395		1230 KPLC- 7 Lake Charles LA	T 325
	KVRL 26 Houston TX	195	Es	1840-1905 2 unids	
20 tr	0930 KERA-13 Dallas TX	T 250	tr	1945 WAPT 16 Jackson MS	T 525
	0940 WAFB- 9 Baton Rouge LA	T 450		2000 WAFB- 9 Baton Rouge LA	T 450
	0950 KXTX-39 Dallas TX	250		2320 KTVT 11 Fort Worth TX	240
23 Es	0910-1020 2-4 unids		4 Es	1630-1640 3 unid (Cuba?)	
	1015-1020 2-3 west			2055-2220 2-4 unids	
	0929 WESH- 2 Daytona Beach FL	1055		2055 KNBC 4 Los Angeles CA	1190
	0925 WEDU 3 Tampa FL	T 985		2100 KNKT 2 Los Angeles CA	1190
26 Es	1845-1940 2,3 unids (Spanish s & sw)			KEYT 3 Santa Barbara CA	1270
				2220 XHBC- 3 Mexicali BCN	T1010

5 Es 1905-2330	2-6 unIds (f/out 2055-2255)	6 Es 1050-1125	2,3 unIds
1928 WFPT	2 Miami FL T1150	1050 WGBD	2 Charleston SC T1120
1940 WESH-	2 Daytona Beach FL T1055	1115 WSAV-	3 Savannah GA T1050
1955 WJXT	4 Jacksonville FL T1015	1835-2120	2-6 unIds (MUF 89.7 @ 2010)
1958 WJBF	6 Augusta GA T1105	1919 WESH-	2 Daytona Beach FL 1055
2020 WSAV-	3 Savannah GA T1050	1940 WJXT	4 Jacksonville FL T1015
	WGBD 2 Charleston SC T1120	2000 WEDU	3 Tampa FL 985
2023 WGIT	4 Charleston SC T1120	2005 WUFT	5 Gainesville FL T 975
2055 XHBC-	3 Mexicali BCN 1010	2055 WGBD	2 Charleston SC T1120
2305 XHAQ	5 Mexicali BCN T1010	WSAV-	3 Savannah GA T1050
XETV	6 Tijuana BCN T1100	WGIV	4 Charleston SC T1120

After a rather slow February of Es, the first week of March has been somewhat of a surprise. From the reports I've heard on 50 MHz, the east coast has has a very large amount of it.

Some improvement in trop conditions at times. Weather condx however (hot, humid) suggest there should be more than there has been. (Correct, Pat; there was more, north of you on 2 March. dps)

Current solar levels are about the lowest since late 1965 or 1966, so any chances of TV TE-Es are very remote this far north. 73, WA5IYX.

James N. Pizzi, 300 Park, Orcutt, California 93454				(Dec - 5 Mar)	(PDT)
J1 Es 1551 KCKT	2 Great Bend KS 2322	(26)tr	2233 KGO - 7	San Francisco CA 2233	
1552 KTEW	2 Tulsa OK 2222		2253 KMEX	34 Los Angeles CA 2315	
1559 KDIX-	2 Dickinson ND 0221		2258 KCET	28 Los Angeles CA 2225	
1600 KTVO	2 Billings MT 4232	27 Es	2007 KNOP-	2 North Platte NE 4434(nx)	
1658 CKCK-	2 Regina Sask 2322		2029 KWGH	2 Denver CO (wx) 3033	
2 Es 1602 unId	4 (XHIA/XHCH?)(Canal 8 net)	tr	2114 KOVR	13 Stockton CA 3023	
1604 unId	4 (Spanish- Bullwinkle)		2200 KBSC	52 Los Angeles CA	
1606 unId	4 (XHIT/XELN/XHBS?)		KCET	28 Los Angeles CA	
	(IHTP under/above SS)		KMEX	34 Los Angeles CA	
5 Es 0930 KREM-	2 Spokane WA 3333		KLXA	40 Los Angeles CA 1035N	
7 Es 2000 unId	2 (SS)	M5 tr	KCST	39 San Diego CA 1035	
	unId 2 (news USA stn)		KLCS	58 Los Angeles CA 2335N	
	2001 unId 4 (XHBS?)(Ch2-TeleVisa net)			(no other L.A. U's in)	
13 Es 2203 KREM-	2 Spokane WA 3222		1208 unId	26 (CCI KMPH- north)	
25 tr 1859 K76##76	north (ofKQED9) 1255N		2000 KBHK	44 San Francisco CA 2025	
26 tr 2220 K76##76	" " 1155		2400 KQED	9 San Francisco CA 2434	

I finally got the tower up. It cranks to 68', with another 13' of mast above that. At 70' level is S&A 10-el low-band (poor FB ratio), good gain, nothing fantastic, though. At 75' level is the 7' dish with Jerrold mast amp. Normal Fresno-Bakersfield UHF's are VARI 3 to 4,555 and KMST 46 Monterey 2335. Got it up 2/25 and logged xltr 2/26, ch 76 repeating KQED. Must be Shandon or Pozo because San Luis Obispo & Arroyo Grande xltres have been off for over 3 yrs. At 81' level is S&A 11-el. high-band w/good FB & using HB IPA amp. When I crank it all the way up, it's the tallest thing in Orcutt including trees! I've noticed now that most L.A. U's are there most of the time—also KBHK 44 San Francisco, strange because S.F. U's aren't there or not too good if there. 73's.

Best of DX to all

Dennis



C.C.I.

Leslie J. Prus
1615 Pierre Street
Manhattan, Kansas 66502
Phone: 913-537-7886

Unidentified TV DX

APRIL 1974

All of the following unIDs were logged in 1973, and readers are asked to do their best to help identify them. This includes checking back in your logbooks if something looks familiar, or referring to your back issues of TV GUIDE if you live in the PTA (Probable Target Area) of the logging. If anything turns up, send the information to the DXer who logged the station, remembering, of course, that it is a tentative identification that the DXer must follow up on before he can claim the station as new.

Reference Materials: The UHF translator list, prepared by Richard Allen and myself, is presently being published at WTFDA Headquarters and lists the translators by channel. It should be available soon from WTFDA. Also very useful for the TV DXer who does his own unIDs will be the TV list and atlas; I recommend that DXers order one as soon as WTFDA has it ready.

Ron LeBlanc, 2524 Arizona Drive, Marrero, Louisiana 70072

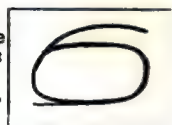
Mon Apr 2 Es ch 5 1718 CST - - ID slide as at right. PTA is Central Amer. w/ Costa Rica suspect.....



Tue May 15 Es ch 3 1830 CST - - Spanish station w/ ID slide as at right PTA: Mexico. There appears to be a design or lettering within both knobs.



Wed Jun 6 Es ch 6 1053 CDT - - ID slide (?) either a big "6" or ellipse with two tails. PTA: north central U.S. ND, SD, NE, MN, IA, WI...
6 1000 CDT - - CBS "Watergate" suspect: WOW, KPLO...



Mon Jul 9 Es ch 3 1732 CST - - Spanish station, ID slide at right, PTA: Mexico, or Cen. Amer. "TV" and "Canal" in knobs;



Mon May 28 Es ch 5 1608 MDT - - "Truth or Consequences" and ID spot? for MTN or NTN, which could be the regional Montana or Nebraska TV nets. PTA: north central U.S. The problem is that there don't seem to be any ch 5s that belong to either network.

Tue Jul 10 Es ch 3 1825 CDT - - "TV 3 Newsday" with PTA Midwest US. Pat Dyer had this unID in Nov 72 VUD on p.37, and I've got it listed as still unIDed in my logs... WAVE?
3 2048 CDT - - "Six Wives of Henry the Eighth," with Canadian station in Ontario suspect: CKVR? CKS01?

:SOUTHERN FM DX:

Editor: Richard E. Wood
820 Arlington Ave.
Baton Rouge LA 70806
Tel. (504) 343-7771
Deadline: 13th. of month

FEATURING FM DX FROM LOUISIANA TO MARYLAND

Greg Kelley, 108 Archer St., Staunton VA 24401

This is my first FM report since joining the club last June. My rx is a Zenith Transoceanic 7000Y and my antenna is the whip.
1/8 Tr 1521 WVWC 88.9 Buckhannon WV wx rpt & ID
1/9 Tr 1200 WKSU 89.7 Kent OH local nx rpt
1/9 Tr 1400 WQRK 104.5 Norfolk VA ID
3/5 Tr 0908 WFSI 107.9 Annapolis MD Bible format
(Txn for your lst. report. You seem to have missed the New Year's skip.REW)

Hank Holbrook, 7211 Chestnut St., Chevy Chase MD 20015

FM DXing from our cottage at Fair Haven MD overlooking the Herring & Chesapeake Bays 15 mi. below Annapolis MD.
Due to the heating fuel and gasoline shortage trips to our cottage have been rather sparse this past fall & winter. And it may very well affect our travels there this coming spring & summer, and of course since that is my location for FM DXing, we could be in for a poor season!! Well that's nothing new - HI! Following logged & rptd since my last rpt late last summer.

mi. pwr listed on verie all EDT
99.1 WAAL Binghamton NY 230 33 kW 9/3 0528-0555 EDT before WANN carrier on.
(1973) ex-WKOP. Poor to fair. Threw out

97.5 WESM Martinsburg WV 90 9 kW 2/3 1545-1610 Strong. ex-WEPF. Very friendly letter verie.

90.5 WKHS Worton MD 40 17.5 2/15 1651-1803 Testing w/carrier & tone, NO ID's nor ann's of any kind but must be WKHS - Powerful. Ugh, a new local. Ltr verie for this PoP. Mgr. has no info on Prog.yet, nor date RS.

101.3 WVHR Hampton VA 120 50 kW 2/16 0900-0922 MoR & nx. Fairly gd, some QRM WGAL & WWDC splash. Ex-WVEC.

Up to 673 FM's ver'd in 31 states plus Ont., P.Q. & Man. plus Bermuda, P.R. & Cuba. Unfortunately I missed the Es of 1/1 and 1/2 on FM but did pull in a dozen 'new' VHF stns on Es then from our Chevy Chase location. Let's hope for a good season! 73. (Txn for postcard, Hank; have sent your QSL report on to FM-QSL editor. No QSL or prog. guide from WAMU rcd. here, REW)

Richard E. Wood, 820 Arlington Ave., Baton Rouge LA 70806

3/4 Tr to East TX: 91.3 KNCT s/off 0002, 93.9 KSIX-, 96.3 KSCS C&W, 97.9 WFAA- 97.9 \$ folk, 100.3 KTLC auto EL \$, 100.7 KASE EL 0010. All relogs.

Summer Replacement Editor. As I will be in Europe, teaching in the Munich Summer School program of The University of New Orleans (including a course in radio communications) a temporary substitute editor of high FM DX-ing qualifications has kindly volunteered to handle "FM SOUTH" for the issues for July (deadline: June 13) and August (deadline: July 13). He is:

Larry Vogt K4UEO
8213 Springfield Village Dr.
Springfield VA 22152

Please support him when the time comes. Send reports for June, September, etc., to me, REW.

WESTERN FM DX

EDITOR: ROGER S. MORIE
P.O. BOX 784
MISSOULA, MT 59801
TEL: (406) 549-5365
DEADLINE: 10th MONTHLY

****Send In A Report Today...Support WTFDA****

Pat Dyer, 5315 Silvertip Drive, San Antonio, TX 78228 (Feb. 18 - Mar. 6) (CST)

Hallcrafters SX-62 with International Crystal SAI-1 preamplifier and Archer V-100

at 20 feet with rotor; Allied 426.

18 0025 KTAL-FM 98.1 TX Texarkana c&w 380 3 0140 KAMC 94.9 TX Arlington rock ID 245

KCMC/KTAL-FM simulcast

3 0120 tent KTAL-FM

0130 KSCS 96.3 TX FortWorth c&w \$961d240 6 2010 WUSF 89.7 FL Tampa promo brief Es 985

For the last several days the Es has been trying to reach into the FM band-this situation is rather rare for March, which is supposed to be the low-point of the year.

I have built up a frequency counter based on Dec 1972 QST article. Using the 10th-harmonic from a signal generator I'm able to pin down the FM band frequencies with 10 kHz (i.e., counter says generator is 8,850 mHz and I'm zeroed on an FM station as well, 88.50.

Glenn Hauser, 620 N. Hubbard, Stillwater, OK 74074 (5 Feb - 6 Mar) (CST)

A rather dry February gave way to a preview of Spring tropo come March, with a nice opening as far as Madison and Chicago, adding about 27 new stations. TV Es from the South that same evening failed to reach FM. My rig: a 10 year old H-K F1000T tuner; Lafayette LA224T amplifier; 10-element FM antenna; Archer rotor; CADCO inardigital pre-amplifier. The antenna is only about 20 feet above ground on the south side of a small hill. KOSU FM is encouraging DX reports with special announcements run only when I observe DX openings and expect reciprocity. Distances given for new stations only, except WHA and WMBI.

2 Tropo 0810 WLCG 88.9 IL Lincoln nx 495 2 Tropo 1037 WGSY 100.9 IL Peru end HS 555

pgm guide promo "FM89" ID

0820 KUMR 88.5 MO Rolla mx

0829 KKGCV 90.5 MO Maryville pgm

summary "KGV" stands for 90-5

0836 KTOPE 100.3 KS Topeka 215

wx ID "FM\$ 100"

0837 WKAI 100.1 IL Macomb IGM 455

ancr, 0901 segue from rape news story to

"Tiny Bubbles" 1025 weak EL\$ 1030 YL wx

WKAI IDs "\$100" ads no KYFM

0839 WGEN 105.1 IL Quincy area 410

nx 0843 into Jim Roberts Show IDs only

as WGEN not FM

0853 WTD 99.5 IL Quincy ID f/ 410

out twice automation? "Bringing you the

best sounds of \$" nx by Ken Collins

Gw 0855 KOSU 91.7 OK Stillwater new

DX report promo

Tropo 0856 WJLK 99.3 IL Havana Johnny 470

Cash 0857 air goes dead amid annt

1034 Havana VFW ad

0902 KAOL 101.1 MO Carrolton 295

area obits and annts 0907 end "ns"

0904 KOYV 99.3 KS Eldorado RAB 120

a la Bogart promo remote from S J Ray-

nolds store

0921 KDNT 106.1 TX Denton live 205

BKB Eastwood v.

0925 KPMZ 98.3 MO Columbia Cuba 315

catfish ad 1202 local ad

0926 KWXI 97.1 TX Fort Worth ID

0930 WOI 90.1 IA Ames *Mx Shop noid

0936 KBIA 91.3 MO Columbia cl mx

0943 KNCT 91.3 TX Killeen pop 0946

GenTex promo audible only in ENE null of

KOSU and KBIA

0958 WMBI 90.1 IL Chicago sermon 640

WOI CCI end MBI pgm IDs nx

1006 KNEX 96.7 KS McPherson 305

NE EL\$ "This is the Swinging Velvet of

KNEX-FM McPherson"

0145 KVIL-FM 103.7 TX Dallas ID MoR 250

not hrd often since San Marcos 103.7 on

2010 WUSF 89.7 FL Tampa promo brief Es 985

1042 KENT 102.5 IA Des Moines 425

IA nx wx by John Callahan

1044 KPRS 103.3 MO Kansas City 245

Jack Boynes adin this morning's Times mono

soul at N null of KKUL 1048 local ad "Kay-

Fes-Arse" ID 1050 MEM nx

1051 KTOPE 104.5 IA Cedar Rapids 500

*sermon hymn

1054 ? IA livestock mkt report 1057

"Iowa Radio Net" which stn?? 104.9

1056 WZRO IL Pekin "zone five zero500

WZRO pekin serving central IL" 104.9

1059 KVOE KS Emporia 104.9 A1 nx 165

mix with WZRO Iowan separable

1107 WNTD 105.7 IL Peoria Bellview510

ad on route 116 "W-2 \$ FM 106" ID

1114 WSWT 106.9 IL Peoria ins ad 510

"Always music 24 hrs a day on WSWT \$107"

1115 WYEN 106.7 IL Des Plaines 620

"WYEN \$107 for Elgin"

1123 KVRV 106.5 IA Davenport weak 510

nx & wx "\$106" ex-KWNT

1134 WHA- 88.9 WI Madison \$soprano630

1159 end Mx fm Germany 1215 Met Opera

1134 WCEU 89.9 IL Peoria \$ harp- 510

sichord promo from Bradley U. Field House

"\$90 WCEU Peoria" ex-88.3 10w; 11kw but

not 88.9 as in FCC FM

1154 WVPC IL Monmouth end MEN nx 475

1204 WFMT 98.7 IL Chicago cl 640

1220 WHEF 98.9 IL Rock Island net 505

3 Tropo 0643 KNCT 91.3 TX Killeen promos mx

6 Tropo 0840 KBFL 90.3 MO Buffalo weak

0827 KWHU 90.7 MO St Louis cl mx ID



VHF UTILITY DX

Pat Dyer
5315 Silvertip Drive
San Antonio, TX 78228
Deadline: 12th of month

APRIL 1974

Hank Holbrook, 7211 Chestnut St., Chevy Chase, MD 20015 QSLed DX, GMT

6-30: 2041, Car 9010 42.30 Poughkeepsie, NY (state police, 100 watts)
2043, Car 9019 42.30 vic same (both very short skip at 250 mile)
8-3: 1603, KAA 986 37.10 Mason City, IA (police)
10: 0100, Flt 976 128.3 vic JFK, NY (Branniff; DC-8; 25 watts)

Now, my loggings. Hallicrafters SX-62 with 50' long wire at 12' running nw-se; all are F2 unless noted (bs-backscatter) with the daily US and Latin American MUF noted if over 30 MHz; unID backscatter only if 35 MHz and higher than direct F2 peak; GMT used, new underlined; Sp-Spanish

2-16: 2055, 35.28 Sp	26: 2005, 35.62-bs	5: 2035, 35.62-bs
17: 2103, 35.28 Sp	2153, KLF 527	2115, 35.28 Sp
18: 1735, 36.35 Sp	2205, KMA 829 (Es)	6: 0504, L Beach (Es)
20: 1638, 33.00 Sp	2220, S Diego (Es)	0551, KME 438 (Es)
1907, R Canada	2231, L Beach (Es)	2128, 35.28 Sp
2020, 31 + US	2353, KSC 645 (Es)	2240, 35.62-bs
21: 2025, 41.01	31: 0005, KIY 508 (Es)	2248, KLF 527
22: 2040, 35.28 Sp	0024, <u>KSA 930</u> (Es)	7: 0033, KIY 508 (Es)
35.62-bs	* 0034, <u>KSA 291</u> (Es)	1930, 37.00 Sp
23: 1612, KIF 651 (Es)	2000, 41.01	8: 1723, 35.28 Sp
1614, L Beach (Es)	2005, KIN 645 (Es)	1820, 35.62-bs
Los Ang (Es)	28: 1725, 41.01	9: 1555, KFL 943 (Es)
1617, KQA 606 (Es)	2-1: 2100, 33.00 Sp	1626, L Beach (Es)
1630, KMA 829 (Es)	2135, 35.62-bs	1635, KQD 313 (Es)
1745, 31 + US ne	2: 0127, L Beach (Es)	KQD 609 (Es)
1828, 44.80	0334, KFL 943 (Es)	1642, Los Ang (Es)
1853, KKV 690-bs	0457, Los Ang (Es)	1730, KSJ 815 (Es)
24: 1608, KFL 880 (Es)	1526, KMA 829 (Es)	1820, R Canada
1845, 36.45 Sp	1910, 34.89	1840, 31.98 US ne
2030, 31 + SF Bay	3: 1715, 33.00 Sp	2028, 44.80
2055, KKV 690-bs	4: 1817, KAA 893 (Es)	1935, 43.18
2129, KFL 527	2000, 35.28 Sp	10: 1700, 37.00 Sp
25: 1925, 32 SF Bay	5: 0229, L Beach (Es)	12: 1720, 35.28 Sp
2015, 37.00	0403, KME 438 (Es)	
26: 1945, 35.28 Sp	(* add 2-27: 0040, KFL 880 (Es))	

KAA 893 35.22	St. Louis, MO	KQD 313 35.50	Dayton, OH
KQA 606 35.58	Denver, CO	KQD 609 35.22	Lansing, MI
KFL 880 35.22	Greenville, SC	KSA 291 39.50	Sycamore, IL-cp
KFL 943 35.58	Las Vegas, NM **	KSA 930 39.50	Morrison, IL-cp
KIF 651 35.58	Ft Lauderdale, FL	KSC 645 35.58	Chicago, IL
KIN 645 43.22	Miami, FL	KSJ 815 35.22	Ft Wayne, IN
KIY 508 35.22	Orlando, FL *	R Canada 30.64	Sackville, NB-ha
KKV 690 35.62	Houston, TX	- 35.58	Long Beach, CA *
KLF 527 35.22	Honolulu, HI **	- 35.46	Los Angeles, CA-mp
KMA 829 35.58	San Diego, CA	- 35.38	San Diego, CA-mp
KME 438 35.22	Orange, CA		

cp-sheriff; ha-h.f. harmonic; mp-mobile phone rest are tone pagers
except * voice, and ** tone message, voice ID.

A timely discussion of transequatorial scatter was planned, but space this month does not permit it.

F2 levels so far have been a bit above the expected, and a magnetic disturbance can always provide some excitement there.

73, Pat WA5IYX

TV QSL CORNER

APRIL 1974

First to the reports:

- NC** **WKLB** Ch 8 MT.WASHINGTON, ltr, map, PARKER B. VINCENT, ce. 8 days. (JA).
NC **WVAY** Ch 3 WILMINGTON, report marked verified, ce sig. unreadable. 12 days. (JA).
MI **WTEV** Ch 6 NEW BEDFORD, MASS. ltr. & card. MAURICE P. WYNNE, ce. 3 months. (TJY).
MI **WJAR** Ch 10 PROVIDENCE, form ltr. PHILIP TAFOR, ce. 24 days. (TJY).
MI **WPXI** Ch 12 PROVIDENCE, ltr. T. ARTHUR BONE, eng. mgr. 16 days. (TJY).
SC **WCBD** Ch 2 CHARLMEON, fill-in-card. WALTER NELSON, ce. 1 week after 5 tries over 1-year period. Greg Kelley's hint of writing ce by name paid off. (KRS).
WFCB Ch 4 GREENVILLE, card. W.E. GARRISON, ce. 1 week. (TJY).
WCIV Ch 4 CHARLESTON, unsigned lietrature. 7 days. (JA).
WCSC Ch 5 CHARLESTON, ltr. RUDY HUGHES, dir. eng. 6 days. (JA).
WJZE Ch 6 AUGUSTA, GA, ltr. JOHN P. JOPLING, ce. (TJY).
WSPA Ch 7 SPARTANBURG, ltr & map. ISA ELIA TIPTON, asst. promo. dir. 20 days. (TJY).
WTVV Ch 7 CHARLESTON, ltr. EDDIE LAKE, eng. (JC).
WIS Ch 10 COLUMBUS, ltr & map. JOSEPH P. GILL JR., ce. 19 days. (TJY).
WDBW Ch 12 FLORENCE, ltr. E.E. MOOR, ce. 6 days. (TJY).
WRDW Ch 12 AUGUSTA, GA. note on tentative report. DON SMITH (?). (KRS).
SD **KDLO** Ch 3 GARDEN CITY, card from **KELO**. A. ARTUS, eng. sec. 1 1/2 weeks. (TJY).
KOKK Ch 5 WITCHWELL, ltr. & map. ARNOLD E. MONDAY, ce. 6 days. (TJY).
KPLO Ch 6 BELLAIR, as **KELO** above. 6 days. (TJY).
KCOO Ch 9 ABERDEEN, **KSOO** Ch 13 SOUTHERN FALLS, ltr from **KSOO**. MAX E. PIERCE, ce. 5 days. (JM).
TX **WRBC** Ch 3 MEMPHIS, card, L. KNIGHT, ce. 2 1/2 weeks. (TJY).
WABE Ch 6 KNOXVILLE, card. DON WATKINS, ce. 5 days. (TJY).
WBIR Ch 10 KNOXVILLE, card J. REX HORTON. 21 days. (TJY).
WJLL Ch 11 JOHNSON CITY, ltr. CLYDE T. ROBERTS, pr. dir. 6 days. (TJY).
TX **KPRC** Ch 2 HOUSTON, card. A. P. MUNDORFF, vp & op mgr. 20 days. (JC).
KMLD Ch 3 MIDLAND, fill-in ltr. JUDY BREWER, prg. dir. 25 days. (JC).
KACB Ch 3 SAN ANGELO, unsigned card from **KRBC**. 10 days. (KRS).
KOPX Ch 3 WICHITA FALLS, BIG card, unsigned. 2 weeks. (TJY).
KTXK Ch 5 LUBBOCK, card, JOHN W. HENSON, sta. mgr. 10 days. (JM).
KCRN Ch 6 TEMPLE, ltr & log. J. EARL HILL, asst. ce. 6 days. (TJY).
KAZZ Ch 6 WICHITA FALLS, ltr. LEON S. ROEFFNER, ce. 5 days. (TJY).
KSDA Ch 6 BEAUMONT, mimeo ltr. HAROLD W. BARTELETT, ce. (TJY).
WAOT Ch 4 AN ANTONIO, card FRANK M. SMITH, ce. 13 days. (JC).
UT **KCPX** Ch 4 SALT LAKE CITY, card, GARRY HORROCKS, ce. (TJY).
VA **WTAR** Ch 3 NORFOLK, form ltr & map. RICHARD L. LINDELL, ce. 4 days. (TJY).
WVA Ch 3 HARRISONBURG, card. IRA T. LOWE JR., ce. 2 weeks. (TJY).
WVVA Ch 6 NORFOLK, ltr & map. JAMES W. KYLE, ce. 46 days. (TJY).
WDEI Ch 7 ROANOKE, unsigned card. 9 days. (TJY).
WAYV Ch 10 PORTSMOUTH, unsigned card. 6 days. (TJY).
WWEA Ch 12 RICHMOND, ltr & map. SANFORD T. PERRY JR., tech op mgr. 14 days. (TJY).
WVEC Ch 13 HAMPTON, card. 10 days. (TJY).
WERO Ch 15 HAMPTON, ltr. PATRICK ARNOUX, prg. dir. (WA4CGW). 6 days. (TJY).
WERA Ch 15 ROANOKE, ltr. E.V. REMRODE JR., ce. 2 weeks. (TJY).
WJAN Ch 27 PORTSMOUTH, ltr. WILLIAM T. GREGORY, vp. eng. 1 week. (TJY).
WVFT Ch 27 ROANOKE, ltr. ERNEST W. DAVIS JR., ce. 3 days. (TJY).
WVVA Ch 47 NORFOLK, ltr from **WERA**. WILLIAM H. GOAD. xtr. sup. **WERA**/WSVN. 1 week. (TJY).
WVPT Ch 51 SPANGLER, ltr. VINCENT D. O'CONNELL, ce. 2 weeks. (TJY). Also contained info on **W70AS** in JERASURE.
WJFV Ch 69 FREDRICKSBURG, ltr, map & sked. SMITH E. ANGSTADT, vp & gen. mgr. 10 days. (TJY).
WA **WREM** Ch 2 SPOKANE, form ltr. W.F. PRITCHARD, ce. (JM).
WLYL Ch 4 SPOKANE, card. C.T. DREMER, eng. dept. 37 days. (JM).
WV **WJIC** Ch 6 BLUEFIELD, unsigned card. 6 days. (TJY).
WRRP Ch 7 WHEELING, unsigned card, 8 days. (TJY).
WI **WVNO** Ch 4 MILWAUKEE, unsigned card. 18 days. (TJY).
WERY Ch 5 GREEN BAY, ltr. GARRY HILL, ce. 19 days. (TJY).
SC **WABC** Ch 4 ltr. J. ROGERS, tech. mgr. 9 days. (TJY).
WTTG Ch 5 ltr & map. A.L. HARMON, ce. 11 days. (TJY).
WVAL Ch 7 form letter. T.F. SORRELLS, ce. 5 days. (TJY).
WTOF Ch 9 card unsigned. 5 days. (TJY).
WVAN Ch 14 (NOW OFF?) ltr. BRENDA SCARBOUGH, sec. 10 days. (TJY).
WUCA Ch 20 ltr. JIM REID, prog. dir. 1 week. (TJY).
WLTA Ch 26 ltr & map. KING HARRISON, ce. 16 days. (TJY).

CANADA

MA CKY Ch 4 WINNIPEG, ltr. SUSAN COOK, eng.dept. 1½ weeks.(TJY).CKY Ch 7 same.
13 days.(JM).(WHICH IS CURRENT?)
NE CKCW Ch 2 MONCTON, card. KUTH MAE CONNEL (?),ce & LIONEL THE LOBSTER,2 weeks.
(TJY).
CHJS Ch 4 ST. JOHN, form ltr.19 days.(TJY).
ON CKPR Ch 2 THUNDER BAY, ltr NANCY ARMSTRONG, sec.to ce. 2 weeks.(TJY).
CJIC Ch 2 SAULT STE. MARIE, ltr.JENNIFER VANCOUGHNETTS,receptionist,2 weeks.(TJY).
CHFD Ch 4 THUNDER BAY, ltr.DEBBIE VOLBRACHT,ce. 32 ays.(JC).
CEWCT Ch 5 FORT FRANCES, CBC card from WINNIPEG,ltr JAKE MARKS,pr.(JM).

Contributors:

TJY= THOMAS J.YINGLING,DUNDALK,MD. JM=JOSEPH MARKEWICZ,CAMP MORTON,CANADA
JA=JIM ALEXANDER,WEST HARTFORD,N.Y. JC=JOHN COMBS,ORLANDO,FLA.
KRS=ME...WEST PALM BEACH,FLA,

NOTES: I GUESS THIS CATCHES UP ALL CURRENT REPORTS!PHEW! I will run the Spanish
form letter in next month's column, but in this I want to show you generally
how I make out a fill in card for station that won't otherwise answer:

This will verify reception of _____ on Ch.____
by _____(YOUR NAME) from _____(YOUR QTH)_____.
Date _____197____.Time _____EDT.Mode_____.
XMTR: _____.
POWER,AUDIO _____VIDEO _____or ERP_____.
TOWER QTH: _____.
HEIGHT _____AAT or _____AB SEA LEVEL.
REMARKS:

SIGNED:

THIS SEEMS TO WORK FOR ME AND ALSO FITS NICELY ON A POSTAL CARD.I SOMETIMES
USE MESSAGE AND REPLY POST CARDS FOR THE WHOLE DEAL. ANY COMMENTS?

THAT'S IT FOR NOW, 73S GUD DXING AND KEEP THEM 3 x 5 CARDS COMING!!!

73S



KENNETH R. SIMON
528 Pilgrim Road
West Palm Beach, Fla. 33409

FM QSL CORNER

- Alabama Birmingham WAPI 94.5 verify with ltr v/s Paul D. Gross, CE.
Huntsville WNDA 95.1 verified with ltr and cm/states they have listeners in Birmingham, Gadsden and Nashville, beyond predicted range. v/s Frederic E. Wells, mgr.
Montgomery WKIH 92.3 verified with ltr from David Nichols, production mgr., seemed quite surprised at reception distance "It came as a bit of a shock...", and "I am amazed to write this letter of certification for an FM station..."
- Arkansas Camden KWEH 97.1 verified by ltr, v/s James Jones, who mentioned station problems due to the fact that he and a Mr. Collins had just taken over KWEH and had never been associated with the radio business.
Forrest City KFPC 93.5 verified by ltr and sent cm, v/s David Adamson, CE.
Jonesboro KASU 91.9 verified by ltr with pgm. sch. v/s Roy E. Barnhill, CE.
- Florida Fort Lauderdale WAXY 105.9 verified with lengthy handwritten ltr. v/s Warren W. Johnson, CE.
Fort Lauderdale WFTL 106.7 verified with photocopy of my ltr on WFTL stationary. v/s Roy L. Gallagher, CE.
Fort Lauderdale WSHE 103.5 verified with very short ltr. v/s Lee Young, CE.
Jacksonville WJCT 89.9 verified after 9 months with ltr and WJCT info sheet. v/s Mike H. Mottler, Dir., who mentions receiving report from Al Ellis (WTFDA member) and another fellow in Downsview, Ontario (maybe Rosenberg? GK) Delay in response was due to "misfiling".
Jacksonville WPDQ 96.9 verified by ltr, v/s Ernie Haralson, CE.
Miami WLYF 101.5 verified with lengthy info ltr, mentioned receiving several ltrs from Northern part of country. v/s Michael L. Wolcott, CE WB40FX. Miami WMCU 89.7 verified with ltr from Glen G. Velker, pgm. dir. Stated mine was most distant report received and apologized for late response due to "changing offices". Miami Beach WMY Q 96.3 verified by ltr v/s Bill Walsh, CE. Mentions mine is most distant report received and writes: "Unfortunately I don't believe we can claim Ontario as part of our coverage area but it would be nice".
Panama City WPAP 92.5 verified by ltr, v/s James H. Bozeman.
Tampa WFLA 93.3 verified with QSL card, with FM indicated. Unsigned by Patrick McLaughlin, CE.
Vero Beach WGYL 93.5 verified by ltr v/s Chris Hubbard, mgr. Writes: "Waterloo is 1304 driving miles from Vero Beach. Next time you go by the Loo have a cold one for me." "Loo" is the local colloquialism for the Waterloo Hotel, so he must have lived here once.
West Palm Beach WIRK 107.9 verified by ltr, v/s John W. Herb. Mentions that antenna will be increased from 175 to 400'.
Fort Wayne WMEF 97.3 verified with ltr and cm. v/s William Ryan, CE
Fort Wayne WPTH 95.1 verified with QSL card used for WRAM WTTT, WPTA, WPTH, WTTV, with WPTH indicated. short note on back v/s Rudy A. Redl, VE3CVI/W9, who states he is originally from Sudbury, Ontario.
Kendallville WAWK 93.3 verified by ltr, v/s John Riddle, CE.
- Louisiana Golden Meadow KLEB 94.3, verified with ltr. (form) v/s Barbara Orguon (?) couldn't make out last name.

All of the above reports are from Peter Sawatzky of Waterloo, Ontario.

New York Potsdam WPDM 99.3-~~lbr~~cm, v/s Timothy J. Lyman, S. Mgr.
Syracuse WONO 107.9-nice personal ltr, cm, much station info, station log for QSL, copy of WONO Guide. v/s Allen Rockford (WTFDA member) (nice going Jim, they ~~were~~ not even answer my report-hi-gk)
Binghamton WQYT 98.1-verified with f-ltr and station info, no v/s.
Cherry Valley WJIV 101.9-verified by ltr, sent CBN info. v/s Bill Freeman, mgr. CBN NE Radio Division.
CANADA Ottawa CKBY 105.3-verified by ltr, QSL Card. v/s J. Crea, Sec.
Ottawa CFMO 93.9-QSL Card. v/s W.G. Roach, CE.
Kingston CKWS 96.3-QSL Card, no signature.
Montreal CBF 100.7-QSL Card. v/s Marcia Morris, Addience Relations.
 The above reports are from Jim Alexander of New Hartford, New York.

ALABAMA Birmingham WQEZ 96.5-pleasant ltr, all details, v/s specific, enclosed CM, v/s Hal Fredericks, P. My reception was made when WQEZ was using only 7½ KW and a temporary 4-bay antenna. A new 20KW transmitter, 6-by antenna and higher tower are under construction.
DISTRICT OF COLUMBIA Washington WASH 97.1-specific ltr in 6 months without f-up. v/s Mike Byrnes, CE. My report is most distant to date.
GEORGIA Marietta WBIE 101.5-specific ltr. v/s James M. Wilder, P.
MISSISSIPPI Jackson WLIN 95.5-specific ltr. v/s Charles Fletcher, P.
TENNESSEE Knoxville WEZK 97.5-pleasant, specific ltr and package of materials including CM. v/s John D. Engelbrecht, Mgr.
 The above reports from Dr. Richard Wood, Baton Rouge, La.

MEXICO Ciudad Juarez, Chih. XHTO"FM" 100.9-specific verification in Spanish, giving XHTO's input power as 5 kw, circular polarization, and antenna height of 45 meters above average terrain (or about 150'). Received from Stereorey headquarters, Mexico 7 D.F., and signed by C.P. Jose Vargas Santamarina, director, after two previous ltrs to XHTO in Ciudad Juarez failed to elicit replies.
ARIZONA Harrison KHOZ 102.9-specific, friendly ltr, v/s Marc T. Jagmin, engineer, saying they are installing a new transmitter with slightly higher ERP (12 kw, h & v) and stereo. My report their most distant and received in August, just prior to WCCO 102.9 Minneapolis, MN, going 24 hours, blocking further tropo reception from such a distance on that frequency.

COLORADO Durango KIUP 100.5-enthusiastic verie, v/s James R. Burt, T. Dir. Inviting me to their studios 3 miles SE Durango.

ID Pocatello KSNN 93.7-Dan Libeg, P. & G. Mgr., sends long friendly ltr, noting my reception as the most distant, but "for some weird (sic) reason, which even stumps our engineer, our FM reception is exceptional. If you will examine a map of Idaho, you'll know we are extremely mountainous...yet we get into spots that should be impossible." Encloses a map showing listener response from eight ID counties where substantial listenership is claimed. Station has plans to increase height and power to 100 kw.

KS Wichita KICT 95.1 Wayne Pollard, G.M., claims they have also been heard in Spokane, WA.

" " KMUW 89.1-specific verification ltr. v/s Steve W. Nomer, asting CE, saying Stereo is being installed and that they've been heard near the southern tip of Florida.

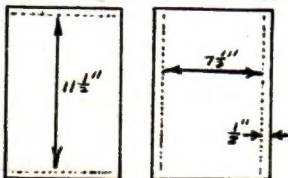
KY Louisville WKLO 99.7-v/s Bruce Clark, CE, adds FM specifics to an AM form, mentioning power will increase to 20 kw h & v after 2/15/74.

The above reports are from Bruce F. Elving, Adolph, Mn. (Duluth area)

PREPARING COLUMNS AND ARTICLES FOR WTFDA

WTFDA depends on volunteers. Because of our limited budget, WTFDA cannot pay typists to retype columns or feature articles. The quality of the finished product, appearing in the VHF-UHF Digest (VUD), is almost entirely based on the quality of the original. Good planning and proper preparation will yield a more readable and more attractive article or column.

PAGE SIZE... To make maximum use of our offset printed page area, it is suggested that 11 1/2" of typing area is perfect for our purposes (from top of heading to bottom of last line). This will require your typing paper to be longer than the normal 8 1/2 x 11" paper, but please do not exceed 11 1/2" of typing. The side margins are also of importance. For 8 1/2" paper, margins must be 1/2". This leaves a total typing area of 7 1/2" x 11 1/2".



PAPER QUALITY... Almost any white paper will do nicely. The only exception is slick, bond paper, such as "onionskin". This type of paper is not porous enough to absorb ink and as a result, promotes smearing. Only use one side of each sheet.

TYPING... A manual or electric typewriter can be used, with the electric usually giving better results. The ribbon must be dark (black or red). If your typewriter has provision for a carbon ribbon, this will reproduce best. Before typing, clean your typewriter keys. Lighter fluid or alcohol can be used as a cleaning solution, in conjunction with a brush (an old tooth brush will due) and a rag.

ILLUSTRATIONS AND UNDERSCORING... Draw all lines and illustrations in ink. Black, red and very dark blue are the best colors to use. Pencil does not reproduce well and should be avoided. Light blue pencil guide lines can be used to help lay out your illustrations. Offset layout paper with "drop-out blue" lines (very light blue) may help.

CORRECTING TYPING ERRORS... If you should make an error, don't just X it out or type over on the error. Use KO-REC-TYPE, SNO-PAK, LIQUID PAPER or similar products. If you erase errors, (and I don't recommend it) watch out for smearing. Large errors can be corrected nicely by pasting on a strip of paper (or using white correction tape) and retyping. Neatness does count.

DEADLINES AND MAILING... For regular columns, the deadline is the 20th of the month. This means that a column should be received (at 5815 N Christiana, Chicago 60659) by the 20th, not mailed on the 20th. If the deadline cannot be met, an explanatory post card is appreciated. Non-regular features, such as feature articles and photos, should be received by the 10th. Columns or articles can be mailed in a standard 4 x 9" business envelope. There's no need to use an oversized envelope.

FORMAT... How you construct the first page heading of your column or article is pretty much up to you. Unless a part of a pre-printed heading, we do prefer that you type your name and address in the upper right hand corner. All pages following page one are to be headed as shown below:

COLUMN NAME

MONTH YEAR

(Do not type in a page number. Pages can be numbered in pencil on the blank side.)

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by W.T.F.D.A.

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The VHF-UHF DIGEST is the monthly publication of the Worldwide TV-FM DX Association. WTFDA is a nonprofit organization and a member club in the Association of North American Radio Clubs.

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THIRD CLASS